UIC RECEIVED 3/24/2021

Form 1015
REV 05/19
Page 1 of 2

OCC Operator No
24125

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division, UIC Department
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

NOTE: Annotate one of the fee options on Page 2.

Application No. 2100302405

Does well have an existing order? Y [X] N [ ]

Application For Administrative Approval
OAC 165:10-5-5

PD No. 202100055
(If emergency order is used or application is protested)

Previous Order No(s). 534435

FILED
MAR 25 2021
COURT CLERK'S OFFICE - OKC
CORPORATION COMMISSION
OF OKLAHOMA

Applicant
Perdure Petroleum LLC

Address
1101 Central Expressway South, Suite 150

City: Allen | State: TX | Zip: 75013

E-mail Address
vsexton@perdurepetro.com

Well Name and Number
Camrick Unit 2811

Well Location
SHL: 1/4, C 1/4, NE 1/4, NE 1/4
BHL: 1/4, 1/4, 1/4, 1/4

Section: 28 | Township: 01N | Range: 20ECM

Latitude: 36.526448 | Longitude: -100.9048

County
Beaver

API No.
35-007-35220

Unit Name
Camrick Unit

[ ] COMMERCIAL DISPOSAL WELL
[X] ENHANCED RECOVERY INJECTION WELL
[ ] DISPOSAL WELL
[ ] LPG

WELL TO BE:
[X] PERMIT MODIFICATION
[ ] DRILLED
[ ] CONVERTED
[ ] DIRECTIONAL (GIVE THE BHL)
[ ] MORE THAN ONE LATERAL

MODIFICATION REASON:
Add Fresh Water
Change Inj Rate
Change Inj Pressure

Type of fluids to be disposed or injected:
[X] Salt Water [X] CO2 [ ] H2S [X] Fresh Water [ ] Natural Gas

Well Data:

Is well within 1/2 mile of an active or reserve municipal water well? [ ] Yes [X] No

Does injection zone contain oil, gas, or fresh water within 1/2 mile? [X] Yes [ ] No If yes, state which: Oil & Gas

Location of source of fluids: Upper Morrow
Perforation of injection interval: top 7310 bottom 7326

Geologic name(s) and depth of source(s): Upper Morrow
Unit Order Number: 534435

Geologic name or names of formations of injection zone: Upper Morrow

Base of treatable water: 400
[ ] Commission maps [X] Other source (specify): Dan Walkup - OCC
Intervening thickness (top perforation minus base of treatable water): 6500

Average porosity: 15.2 %
Average permeability (Kw): 24 MD
Present formation pressure or Shut-in static fluid level from surface: 2410 psi

Injection rates and pressures:
Requested Injection Rate: 3000 BPD/4000 MCF
Approved Injection Rate: BPD/MCF
Requested Injection Pressure: 3000 PSI
Approved Injection Pressure: PSI

Name of string	Size	Setting Depth	Sacks of Cement	Top of Cement	Determined By
SURFACE	13 3/8	580	640	Surface	Calculated
INTERMEDIATE	8 5/8	4637	350	Surface	Calculated
PRODUCTION	5 1/2	7376	250	5740	Calculated
LINER					
TUBING	2 3/8	7158			

PACKER TYPE: AS1 PACKER DEPTH: 7167 TOTAL DEPTH: 7376 PLUG BACK TOTAL DEPTH: 7362

I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction with the data and facts stated herein to be true, correct and complete to the best of my knowledge and belief.

Signature

Date 2-24-21

Vickie Sexton Regulatory
Name & Title (Typed or Printed)

806-672-1029
Phone A/C Number

Form 1015 (Continued)

1. Attach $250 filing fee for injection and noncommercial disposal; or $1,500.00 for commercial disposal well application.
2. Notice that an application has been filed shall be published by the applicant in a newspaper of general circulation in the county in which the well is located and in a newspaper of general circulation published in Oklahoma City, Oklahoma. The applicant shall file proof of publication before the application is approved. The notice shall include the application number, depth of injection interval zone, injection pressure, and volume. If no written objection is received within 15 days (30 days for commercial) from the date of publication, the application may be approved administratively.
3. In addition to filing Form 1015, an affidavit of mailing or delivery with names and addresses of those notified shall be filed not later than five days after the application is filed.
4. The well must be in the applicant's name and the applicant must have appropriate surety before the application may be approved.
5. Attach signed analysis of fresh water from two or more producing wells within a one mile radius of the injection well or a notarized statement as to why samples were not submitted. The analysis must include at least Na+, Cl- andTDS.
6. Attach signed analysis of representative sample of water to be injected. The analysis must include at least Na+, Cl- and TDS, and must have the exact legal location where the sample was taken.
7. Attach plat showing subject well and total depths of all known oil and gas wells, abandoned, drilling and dry holes within 1/4 radius mile for noncommercial wells and within a 1/2 mile radius for commercial wells.
8. Attach Completion Report Form 1002A. If well is not in applicant's name, attach a 1073i or 1073 as needed.
9. Attach electric or radioactivity log of the subject well.
10. Attach schematic drawing of subsurface facilities including: casing size, setting depth, amount of cement used, measured or calculated, tops of cement, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone, showing top and bottom of injection interval.
11. The original application and one complete set of attachments shall be mailed to the Corporation Commission's Underground Injection Control Department.
12. Delivery of application to surface owner(s) and offset operators. New rules for commercial and a non-commercial well exceeding 5000 BBLS a day, refer to OAC 165:10-5-5 (c). Non-commercial Under 5000 BBLS deliver to offset-operators within 1/2 mile.
13. A noncommercial well shall not be used for injection or disposal unless annual fluid injection report Form 1012A is filed by January 31st each year. There is a $25 "per well" filing fee or a $2,500 filing fee for more than 100 wells (OAC 165:5-3-1(B)(1)(T)(ii-iii)). Operators of commercial wells are required to submit a Form 1012C (Commercial Disposal Well Semiannual Fluid Disposal Report) by January 31st and July 31st of each year. There is a $500 semiannual filing fee to file the Form 1012C (OAC 165:5-3-1(b)(T)(i)).
14. A well must have an API Number.
15. Permit Modification: The application shall State the reason for the modification. Please refer to OAC 165:5-7-30.

The names and addresses of those to whom copies of this application and attachments have been sent:

NAME	ADDRESS	CITY	STATE	ZIP
G. Don & Sharon Williams	808 Fox Bend Trail	Edmond	OK	73034
Albert E. Littau	Rt 1, Box 108	Balko	OK	73931
Robert & Janice Lee Goetzinger	PO Box 613	Beaver	OK	73932

OCC FEE SCHEDULE EFFECTIVE 10-1-2018

(mark only **one** of the check-boxes below)

COMMERCIAL DISPOSAL WELL ☐ $1,500 OAC 165:5-3-1(b)(1)(A)	NON-COMMERCIAL INJECTION OR DISPOSAL WELL ☐ $250 OAC 165:5-3-1(b)(1)(E)

OKLAHOMA CITY MAILING ADDRESS:
Oklahoma Corporation Commission
Attention: Central Processing
P.O. Box 52000
Oklahoma City, OK 73152-2000
(checks or money orders only)

HAND-DELIVERY STREET ADDRESS:
The Jim Thorpe Office Building
(Take to the Cashier on the First Floor)
2101 N. Lincoln Blvd.
Oklahoma City, OK 73105
(cash, checks or money orders only)

➡ RECEIPT NO. ➡

DownHole SAT™ Water Analysis Report

JACAM®

SYSTEM IDENTIFICATION

Perdure Petroleum LLC CAMRICK WATER WELL 1 DAVID WITCHER FRESH WATER WELL BEAVER OK disolved o2 8

Sample ID#: 5787
Sample ID: 262858
Sample Date: 08-19-2020 at 0000
Report Date: 08-27-2020

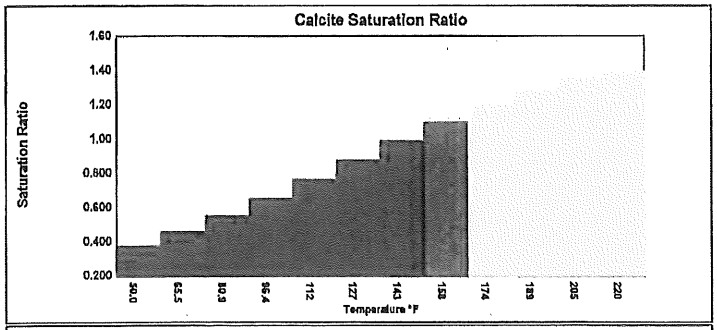
WATER CHEMISTRY

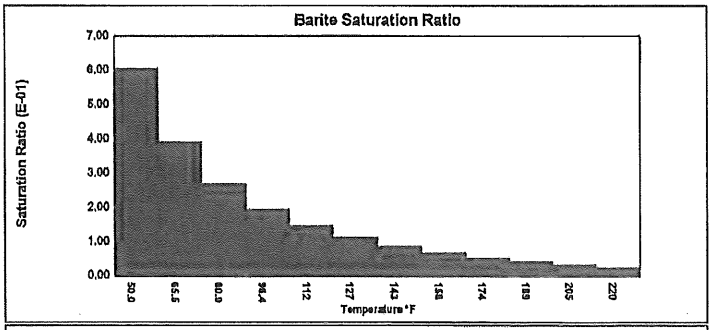
CATIONS		ANIONS	
Calcium(as Ca)	271.70	Chloride(as Cl)	6100
Magnesium(as Mg)	90.78	Sulfate(as SO_4)	25.00
Barium(as Ba)	0.231	Bromine(as Br)	0.00
Strontium(as Sr)	12.29	Dissolved CO_2(as CO_2)	50.00
Sodium(as Na)	3552	Bicarbonate(as HCO_3)	244.00
Potassium(as K)	16.02	Carbonate(as CO_3)	0.00
Lithium(as Li)	0.343	Silica(as SiO_2)	0.00
Iron(as Fe)	9.30	Phosphate(as PO_4)	0.00
Field Iron(as Fe)	0.00	H_2S (as H_2S)	0.00
Ammonia(as NH_3)	0.00	Fluoride(as F)	0.00
Aluminum(as Al)	0.0720	Nitrate(as NO_3)	0.00
Manganese(as Mn)	0.276	Boron(as B)	0.808
Zinc(as Zn)	0.416		
Lead(as Pb)	0.00		
		PARAMETERS	
Temperature(°F)	60.00	Sample pH	6.90
Conductivity	12783	Sp.Gr.(g/mL)	1.00
Resistivity	78.23	T.D.S.	10410

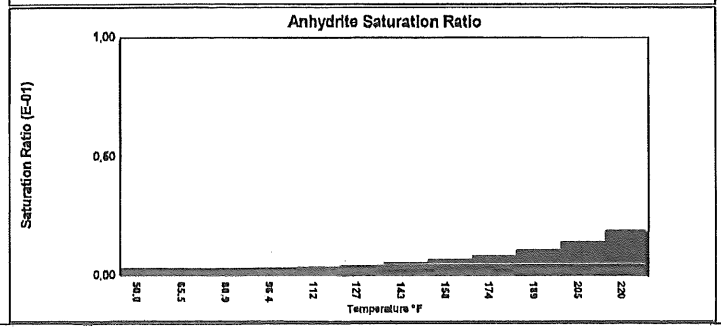
SCALE AND CORROSION POTENTIAL

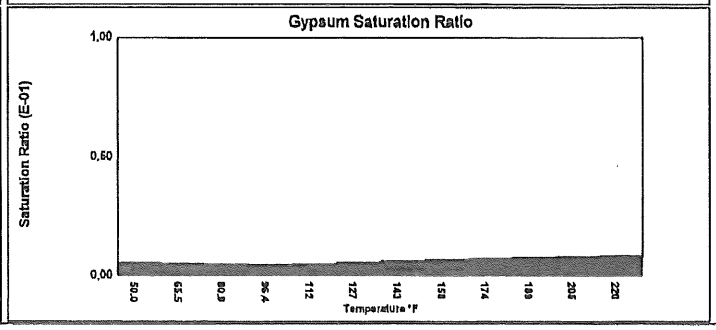
Temp.	Press.	Calcite $CaCO_3$		Anhydrite $CaSO_4$		Gypsum $CaSO_4*2H_2O$		Barite $BaSO_4$		Celestite $SrSO_4$		Siderite $FeCO_3$		Mackawenite FeS		CO_2	pCO_2
(°F)	(atm)	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	(mpy)	(atm)
50.00	0.00	0.379	-0.168	0.00318	-849.87	0.00566	-682.31	0.606	-0.0883	0.0125	-87.51	18.45	0.112	0.00	-0.0258	0.0501	0.0222
65.45	0.00	0.461	-0.127	0.00306	-858.25	0.00526	-703.69	0.392	-0.209	0.0117	-90.15	25.26	0.121	0.00	-0.0312	0.0937	0.0222
80.91	0.00	0.554	-0.0924	0.00311	-838.94	0.00499	-716.80	0.270	-0.361	0.0115	-89.80	33.85	0.129	0.00	-0.0365	0.0562	0.0222
96.36	0.00	0.657	-0.0634	0.00332	-796.62	0.00482	-722.33	0.196	-0.542	0.0118	-87.86	44.40	0.137	0.00	-0.0417	0.0736	0.0222
111.82	0.00	0.766	-0.0388	0.00370	-736.89	0.00508	-690.20	0.148	-0.747	0.0121	-85.32	57.01	0.145	0.00	-0.0466	0.0772	0.0222
127.27	0.00	0.880	-0.0180	0.00429	-665.53	0.00565	-637.56	0.114	-0.998	0.0125	-83.10	71.60	0.152	0.00	-0.0523	0.0647	0.0222
142.73	0.00	0.994	>-0.001	0.00515	-587.86	0.00622	-592.41	0.0879	-1.30	0.0127	-81.24	87.82	0.157	0.00	-0.0589	0.0525	0.0222
158.18	0.00	1.10	0.0130	0.00637	-508.44	0.00678	-553.60	0.0685	-1.67	0.0129	-79.71	105.14	0.162	0.00	-0.0669	0.0547	0.0222
173.64	0.00	1.20	0.0240	0.00809	-430.90	0.00732	-520.22	0.0537	-2.10	0.0130	-78.49	123.07	0.165	0.00	-0.0764	0.0566	0.0222
189.09	0.00	1.29	0.0324	0.0105	-357.92	0.00782	-491.52	0.0424	-2.60	0.0131	-77.55	140.74	0.166	0.00	-0.0880	0.0285	0.0222
204.55	0.00	1.36	0.0384	0.0140	-291.33	0.00830	-466.92	0.0336	-3.18	0.0130	-76.88	157.41	0.166	0.00	-0.102	0.0239	0.0222
220.00	0.171	1.40	0.0416	0.0187	-235.88	0.00861	-452.34	0.0264	-3.91	0.0127	-77.39	171.32	0.167	0.00	-0.121	0.0325	0.0260

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. $\{Ca\}\{CO_3\}/K_{sp}$. pCO_2 (atm) is the partial pressure of CO_2 in the gas phase.
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.









DownHole SAT Water Analysis Report

JACAM

SYSTEM IDENTIFICATION

Perdure Petroleum LLC
WATER WELL AT HOUSE BY 2171
DAVID WITCHER
WATER WELL
BEAVER OK

Sample ID#: 5787
Sample ID: 264704
Sample Date: 09-28-2020 at 0000
Report Date: 10-05-2020

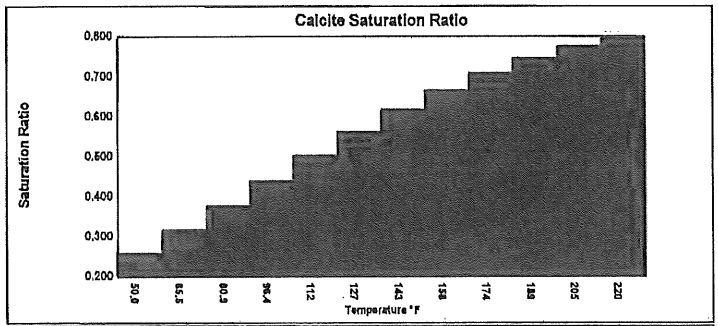
WATER CHEMISTRY

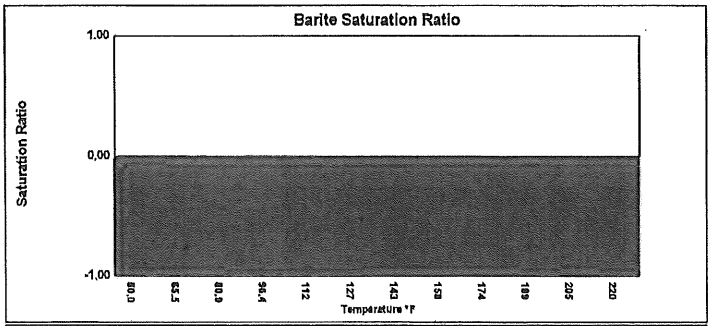
CATIONS		ANIONS	
Calcium(as Ca)	40.83	Chloride(as Cl)	1000
Magnesium(as Mg)	27.01	Sulfate(as SO_4)	0.00
Barium(as Ba)	0.00	Bromine(as Br)	0.00
Strontium(as Sr)	0.234	Dissolved CO_2(as CO_2)	20.00
Sodium(as Na)	603.88	Bicarbonate(as HCO_3)	146.00
Potassium(as K)	3.85	Carbonate(as CO_3)	0.00
Lithium(as Li)	0.00	Silica(as SiO_2)	0.00
Iron(as Fe)	0.0510	Phosphate(as PO_4)	0.00
Field Iron(as Fe)	0.00	H_2S (as H_2S)	0.00
Ammonia(as NH_3)	0.00	Fluoride(as F)	0.00
Aluminum(as Al)	0.00100	Nitrate(as NO_3)	0.00
Manganese(as Mn)	0.0120	Boron(as B)	0.590
Zinc(as Zn)	0.285		
Lead(as Pb)	0.00		
		PARAMETERS	
Temperature(°F)	60.00	Sample pH	7.50
Conductivity	2536	Sp.Gr.(g/mL)	1.00
Resistivity	394.30	T.D.S.	1837

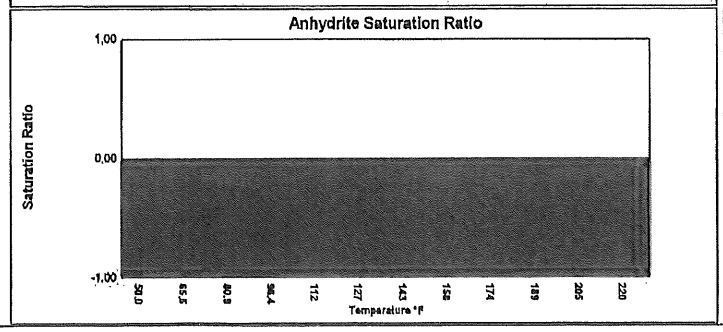
SCALE AND CORROSION POTENTIAL

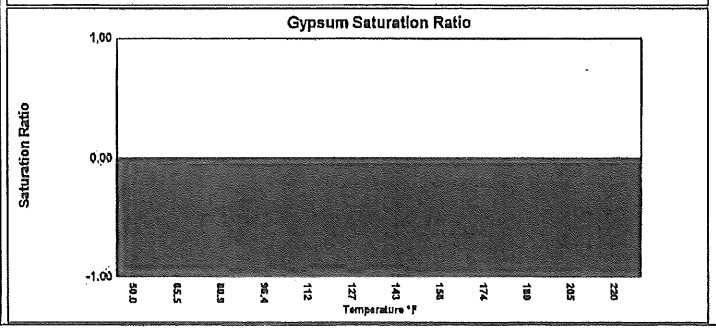
Temp.	Press.	Calcite		Anhydrite		Gypsum		Barite		Celestite		Siderite		Mackawenite		CO_2	pCO_2
(°F)	(atm)	$CaCO_3$		$CaSO_4$		$CaSO_4*2H_2O$		$BaSO_4$		$SrSO_4$		$FeCO_3$		FeS		(mpy)	(atm)
50.00	0.00	0.260	-0.501	0.00	-584.98	0.00	-487.40	0.00	-1.16	0.00	-58.51	0.410	-0.0353	0.00	-0.0713	0.0447	0.00431
65.45	0.00	0.317	-0.400	0.00	-586.45	0.00	-497.36	0.00	-1.42	0.00	-59.66	0.582	-0.0195	0.00	-0.0785	0.0837	0.00431
80.91	0.00	0.378	-0.318	0.00	-570.82	0.00	-501.92	0.00	-1.69	0.00	-59.02	0.789	-0.00778	0.00	-0.0854	0.0328	0.00431
96.36	0.00	0.441	-0.252	0.00	-541.21	0.00	-501.59	0.00	-1.95	0.00	-57.42	1.03	< 0.001	0.00	-0.0919	0.0422	0.00431
111.82	0.00	0.504	-0.199	0.00	-501.27	0.00	-478.43	0.00	-2.20	0.00	-55.46	1.29	0.00703	0.00	-0.0980	0.0371	0.00431
127.27	0.00	0.563	-0.157	0.00	-454.62	0.00	-443.08	0.00	-2.46	0.00	-53.69	1.57	0.0114	0.00	-0.105	0.0248	0.00431
142.73	0.00	0.619	-0.124	0.00	-404.58	0.00	-412.38	0.00	-2.75	0.00	-52.12	1.86	0.0145	0.00	-0.113	0.0148	0.00431
158.18	0.00	0.666	-0.0986	0.00	-353.90	0.00	-385.62	0.00	-3.05	0.00	-50.74	2.13	0.0165	0.00	-0.121	0.0102	0.00431
173.64	0.00	0.709	-0.0788	0.00	-304.73	0.00	-362.22	0.00	-3.38	0.00	-49.53	2.38	0.0176	0.00	-0.131	0.00566	0.00431
189.09	0.00	0.746	-0.0636	0.00	-258.59	0.00	-341.68	0.00	-3.72	0.00	-48.46	2.59	0.0180	0.00	-0.141	0.00998	0.00431
204.55	0.00	0.777	-0.0520	0.00	-216.44	0.00	-323.63	0.00	-4.09	0.00	-47.54	2.76	0.0178	0.00	-0.152	0.00836	0.00431
220.00	0.171	0.797	-0.0449	0.00	-180.13	0.00	-309.97	0.00	-4.52	0.00	-47.06	2.86	0.0172	0.00	-0.164	0.0114	0.00504
		xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels		

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. $\{Ca\}\{CO_3\}/K_{sp}$. pCO_2 (atm) is the partial pressure of CO_2 in the gas phase.
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.







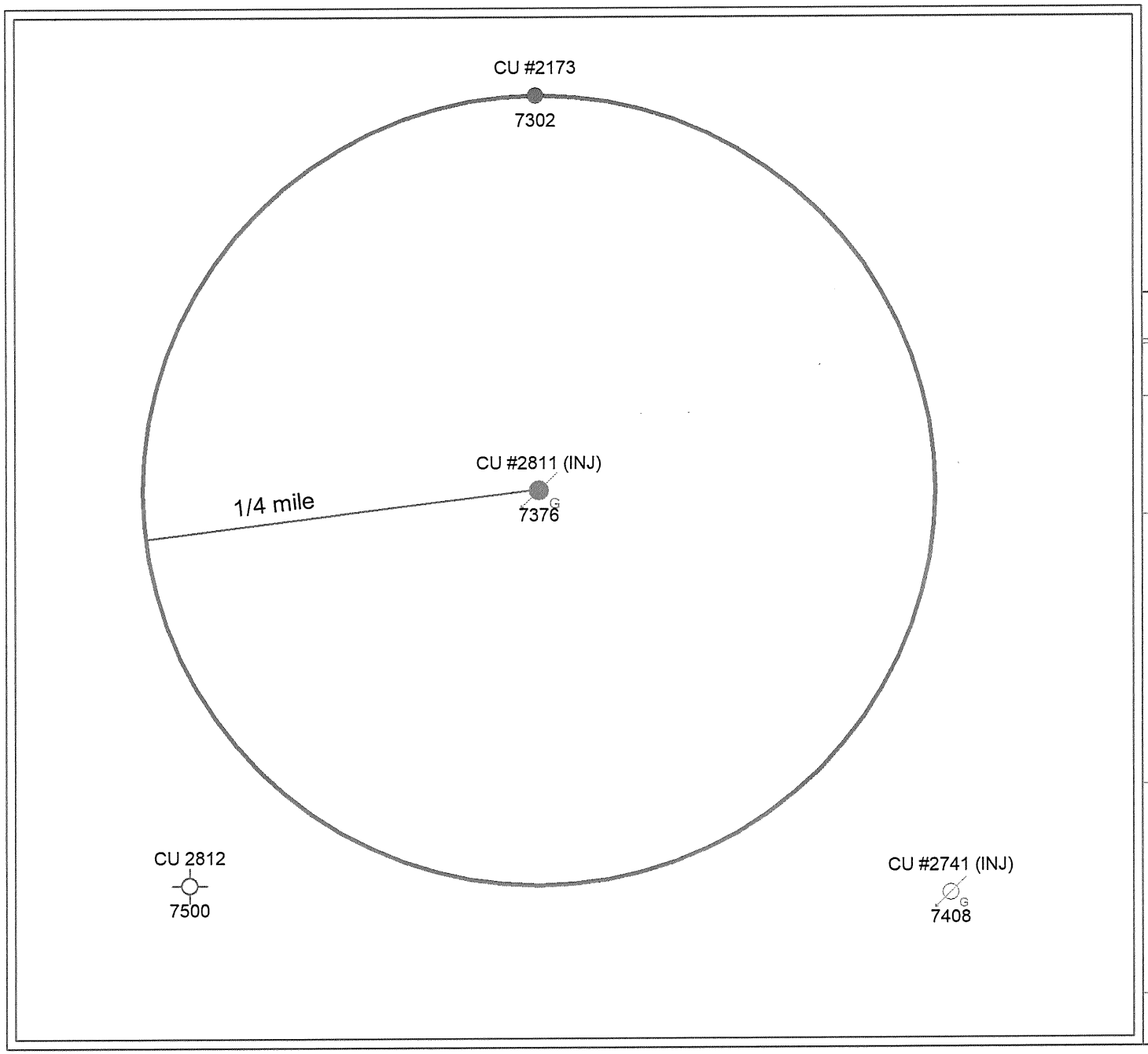


Jacam Camrick Injection Water Analysis			
Company Name	PERDURE PETROLEUM LLC	PERDURE PETROLEUM LLC	PERDURE PETROLEUM LLC
Well Name	CU 3233	CU 2872	CU 3213
Area	OKLAHOMA	OKLAHOMA	OKLAHOMA
Sufrace Legal	1980' FSL 2590' FWL 1N 20E 32 E2E2 NE NW	660' FSL 660' FWL 1/4 Sec 1N 20E 28 C SW SE	1090' FSL 1090' FWL 1/4 Sec 1N 20E 32 SW NE
SAMPLEDATE	5/26/2020	5/20/2020	5/20/2020
SAMPLELOCATION	INJECTION WELL	INJECTION WELL	INJECTION WELL
AnalysisName	DSAT Analysis	DSAT Analysis	DSAT Analysis
TEMPERATURE	80	80	65
SPECIFIC GRAVITY	1.1	1.09	1.09
CALCULATED T.D.S.	160702.92	144407.03	142292.89
MOLAR CONDUCTIVITY	175227.09	158651.47	126499.99
RESISTIVITY (OHM CM) AT 25° C	5.71	6.3	7.91
CARBON DIOXIDE PARTIAL PRESSURE (PCO2 ATM)	0.34	0.19	0.19
HYDROGEN SULFIDE PARTIAL PRESSURE (PH2S ATM)	0	0	0
PH	5.9	6.1	6
IRON MG-L	61.45	64.48	53.72
FIELD FE	0	0	0
MANGANESE MG-L	2.689	2.388	2.536
CALCIUM MG-L	4567	4131	4154
MAGNESIUM MG-L	1193	1056	1084
SODIUM	51833.88	46755.28	45929.96
POTASSIUM MG-L	232.4	188.5	193.4
BARIUM MG-L	0.68	0.78	0.79
STRONTIUM MG-L	210.7	219.3	224.7
BICARBONATE MG-L	976	683	610
SULFATE MG-L	1125	1025	875
CHLORIDE MG-L	90600	81800	80800
BORON MG-L	19.47	20.15	20.21
LITHIUM MG-L	4.59	4.02	4.16
AMMONIA	0	0	0
ZINC MG-L	0.22	1.49	0.54
LEAD	0	0	0
BROMINE	0	0	0
CARBONATE	0	0	0
SILICA	0	0	0
PHOSPHATE	0	0	0
NITRATE	0	0	0
DISSOLVED CARBON DIOXIDE	760	690	920
HYDROGEN SULFIDE MG-L	0	0.5	2
DISSOLVED O2 (PPM)	0	0	0
OIL CARRYOVER			
CALCITE SL (CACO3)	1.83	1.84	0.99
CALCITE ME (CACO3)	0.02	0.02	0
CALCIUM PHOSPHATE SL	0	0	0
CALCIUM PHOSPHATE ME	0	0	0
MAGNESITE SL (MGCO3)	0.54	0.52	0.25
MAGNESITE ME (MGCO3)	-0.03	-0.04	-0.07
MAGNESIUM SILICATE SL	0	0	0
MAGNESIUM SILICATE ME	-97.81	-100.52	-92.22
ANHYDRITE SL (CASO4)	0.46	0.4	0.35
ANHYDRITE ME (CASO4)	-217.54	-280.15	-305.29
GYPSUM SL (CASO42H2O)	0.62	0.54	0.51
GYPSUM ME (CASO42H2O)	-135.21	-182.14	-183.54
BARITE SL (BASO4)	2.48	3.01	3.94
BARITE ME (BASO4)	0.26	0.34	0.38
CELESTITE SL (SRSO4)	0.63	0.69	0.65
CELESTITE ME (SRSO4)	-54.82	-42.96	-50.44
FLUORITE SL (CAF2)	0	0	0
FLUORITE ME (CAF2)	-3.42	-3.78	-3.57
SILICA ME (SIO2)	-33.09	-34.27	-27.82
BRUCITE SL (MG(OH)2)	0	0	0
BRUCITE ME (MG(OH)2)	0	0	0
IRON HYDROXIDE SL (FE(OH)3)	0.52	0	0
IRON HYDROXIDE ME (FE(OH)3)	0	0	0
IRON SULFIDE SL (FES)	0	0.21	0.4
IRON SULFIDE ME (FES)	-0.27	-0.13	-0.14
STRENGITE SL (FEPO42H2O)	0	0	0
STRENGITE ME (FEPO42H2O)	0	0	0
HYDROXYAPATITE SL	0	0	0
HYDROXYAPATITE ME	-313.8	-327.23	-301.5
SIDERITE SL (FECO3)	17.94	23.41	9.45
SIDERITE ME (FECO3)	0.04	0.05	0.03
HALITE SL (NACL)	0.1	0.08	0.08

HALITE ME (NACL)	-111957.36	-122692.15	-119168.48
THENARDITE SL (NA2SO4)	0	0	0
THENARDITE ME (NA2SO4)	-82972.83	-82110.39	-81758.32

David Witcher

David Witcher
Jacam Chemicals



Perdure Petroleum

1/4 Mi AOR CU #2811

0 600

FEET

POSTED WELL DATA

Well Name

WELL - TD

WELL SYMBOLS

Active Oil Producer

P&A Wtr Injector

WAG Injector

SI WAG

July 27, 2020

PETRA 7/27/2020 9:36:21 AM

API NO 35-007-35220
OTC PROD UNIT NO 2811

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

Form 1002A
Rev 2009

[ ] ORIGINAL
[X] AMENDED (Reason) Add Fresh Water, Change Inj Pressure & Rate

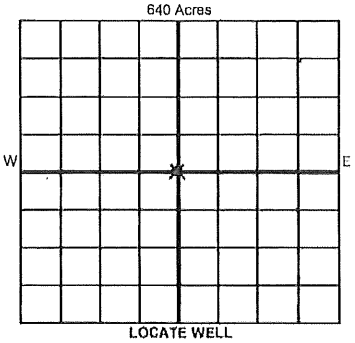
COMPLETION REPORT

TYPE OF DRILLING OPERATION
[X] STRAIGHT HOLE [ ] DIRECTIONAL HOLE [ ] HORIZONTAL HOLE
[ ] SERVICE WELL
If directional or horizontal, see reverse for bottom hole location

SPUD DATE 1-10-56
DRLG FINISHED DATE 2-24-56
DATE OF WELL COMPLETION 3-2-56
1st PROD DATE 3-2-56
RECOMP DATE 6-14-07

COUNTY Beaver | SEC 28 | TWP 01N | RGE 20E
LEASE NAME Camrick Unit | WELL NO 2811
1/4 C 1/4 NE 1/4 NE 1/4 | FSL OF 1/4 SEC 660 | FWL OF 1/4 SEC 660
ELEVATION Derrick FL 2927 Ground 2916 | Latitude (if known) | Longitude (if known)
OPERATOR NAME Perdure Petroleum LLC | OTC / OCC OPERATOR NO 24125
ADDRESS 1101Central Expressway South, Suite 150
CITY Allen | STATE TX | ZIP 75013

640 Acres



LOCATE WELL

COMPLETION TYPE

X	SINGLE ZONE	
	MULTIPLE ZONE Application Date	
	COMMINGLED Application Date	
	LOCATION EXCEPTION ORDER NO	
	INCREASED DENSITY ORDER NO	

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13 3/8	48		580		640	
INTERMEDIATE	8 5/8	32		4637		350	
PRODUCTION	5 1/2	15 1/2-17		7376			5840
LINER							

PACKER @ 7167 BRAND & TYPE AS1X PLUG @ ____ TYPE ____ PLUG @ ____ TYPE ____
PACKER @ ____ BRAND & TYPE ____ PLUG @ ____ TYPE ____ PLUG @ ____ TYPE ____

TOTAL DEPTH 7376

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Upper Morrow					
SPACING & SPACING ORDER NUMBER	654319,					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	INJ 534435					
PERFORATED INTERVALS	7310-7326					
ACID/VOLUME						
FRACTURE TREATMENT (Fluids/Prop Amounts)						

[ ] Min Gas Allowable (165:10-17-7) OR Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date

INITIAL TEST DATA

INITIAL TEST DATE	INJ Well					
OIL-BBL/DAY						
OIL-GRAVITY (API)						
GAS-MCF/DAY						
GAS-OIL RATIO CU FT/BBL						
WATER-BBL/DAY						
PUMPING OR FLOWING						
INITIAL SHUT-IN PRESSURE						
CHOKE SIZE						
FLOW TUBING PRESSURE						

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE | Vickie Sexton NAME (PRINT OR TYPE) | 2/24/11 DATE | 806-672-1029 PHONE NUMBER

902 E. Brillhart ADDRESS | Perryton, TX 79070 CITY STATE ZIP | vsexton@perdurepetro.com EMAIL ADDRESS

PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Camrick Unit WELL NO

NAMES OF FORMATIONS	TOP
Previously Reported	

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

APPROVED DISAPPROVED

2) Reject Codes

Were open hole logs run? ___ yes X no

Date Last log was run

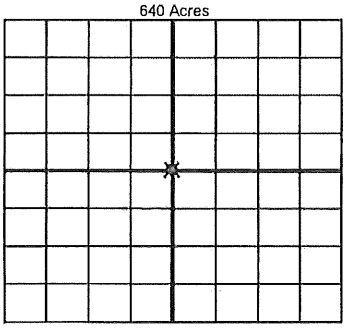
Was CO_2 encountered? ___ yes X no at what depths?

Was H_2S encountered? ___ yes X no at what depths?

Were unusual drilling circumstances encountered? ___ yes X no
If yes, briefly explain below

Other remarks: This is permitted for C02 and Saltwater. We want to adjust the permit to add fresh water.

640 Acres

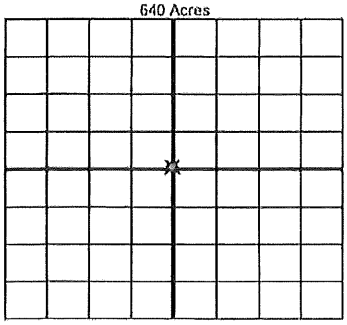


If more than three drainholes are proposed, attach a separate sheet indicating the necessary information

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit

Directional surveys are required for all drainholes and directional wells

640 Acres



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY				
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL		FWL
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC	TWP	RGE	COUNTY				
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL		FWL
Depth of Deviation		Radius of Turn		Direction	Total Length		
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			

LATERAL #2

SEC	TWP	RGE	COUNTY				
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL		FWL
Depth of Deviation		Radius of Turn		Direction	Total Length		
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			

LATERAL #3

SEC	TWP	RGE	COUNTY				
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL		FWL
Depth of Deviation		Radius of Turn		Direction	Total Length		
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

Location of Well	
Elevations: D.F. 2927	COMPANY MAGNOLIA PETR. CO
K.B. 2928	WELL WILLIAMS NO. 1
or G.L. 2911	FIELD EAST CAMRICK
	LOCATION SEC. 28-1N-20ECM NE NE NE
	COUNTY BEAVER
FILING No.	STATE OKLAHOMA

COUNTY BEAVER O-48979
FIELD or LOCATION SEC. 28-1N-20ECM
WELL WILLIAMS NO. 1
COMPANY MAGNOLIA PETR. CO.

RUN No.	ONE LL	TWO ES	THREE	FOUR	FIVE
Date	[illegible]	2-22-56			
First Reading	[illegible]	7372			
Last Reading	[illegible]	4636			
Feet Measured	[illegible]	2736			
Csg. Schlum.	[illegible]	[illegible]			
Csg. Driller	[illegible]	4637			
Depth Reached	4640	7373			
Bottom Driller	[illegible]	[illegible]			
Depth Datum	K.B. 12	ABOVE G.L.			
Mud Nat.	[illegible]	OIL			

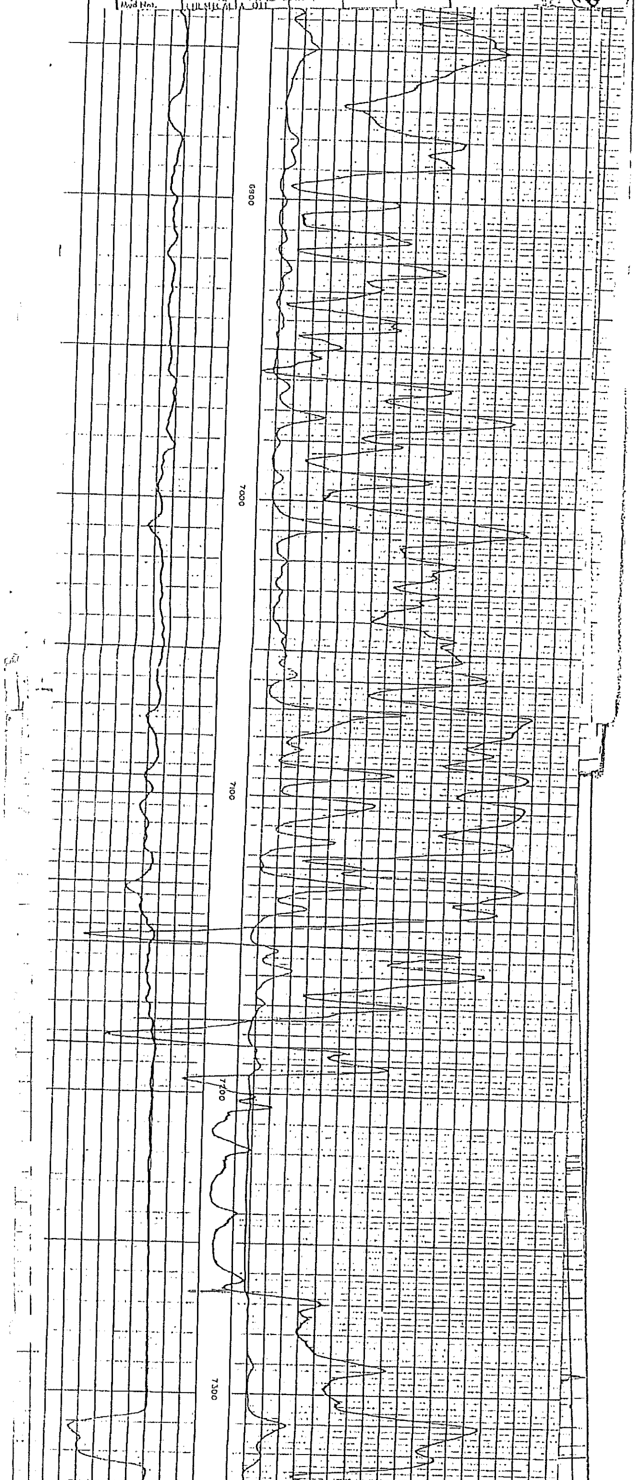
67229

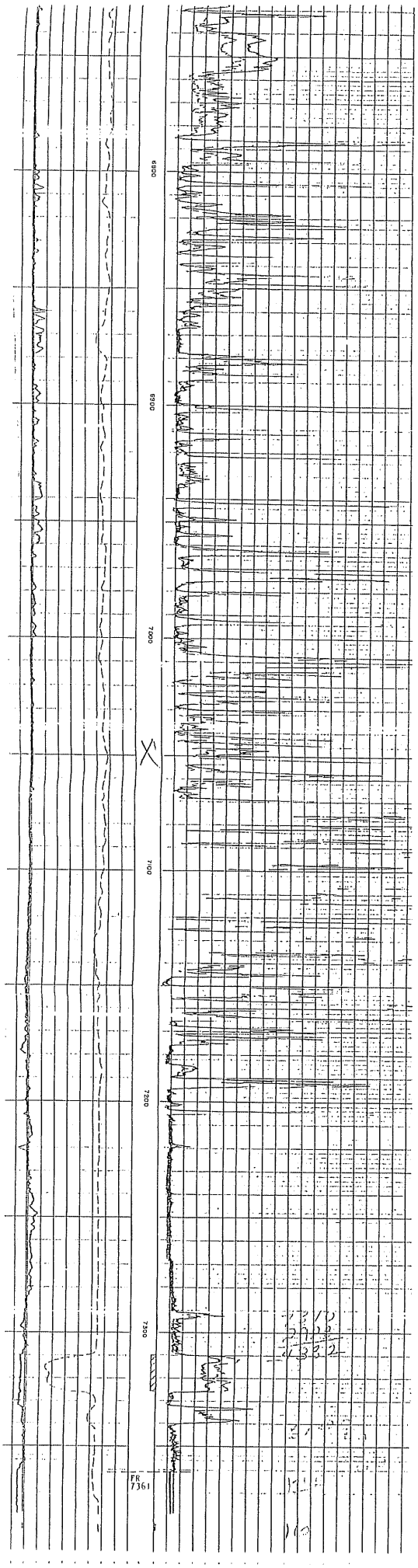
67233

Weather Show

CC# 2811

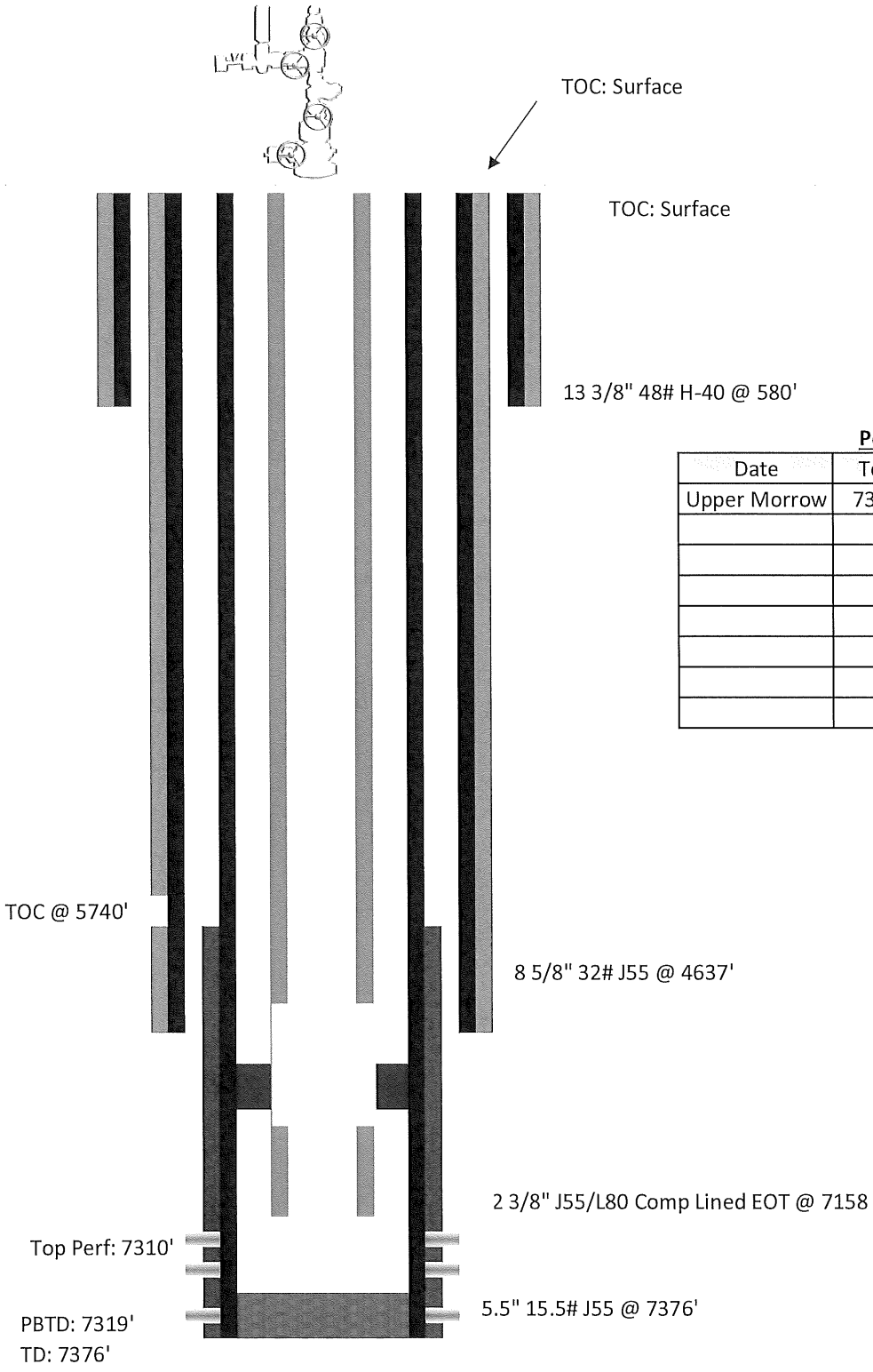
2811





#2811

2811



Wellname
Camrick Unit #2811
Field
Inj Reg #534435
API
3500735220
Data 1
Beaver Co., OK
Data 2
Sec 28 T01N R20 ECM
Data 3
C,NE4,NE4; 660' FNL & 660' FEL of 1/4 SEC

Perforations

Date	Top	Bottom	SPF	Holes
Upper Morrow	7310	7326		

General Information	
Wellname	Camrick Unit #2811
Field	Inj Reg #534435
API	3500735220

Casing	Size/Weight/Grade/OH Size	Top	Bottom	Cement	TOC
Surface	13 3/8" 48# H-40	0	580	640	0
Intermediate	8 5/8" 32# J55	0	4637	350	0
Production	5.5" 15.5# J55	0	7376	250	5740
Production					
Liner					
Open Hole					

Tubing	Size/Weight/Grade	Top	Bottom	T.A. Depth	Pckr Depth
Tubing	2 3/8" J55/L80 Comp Lined	0	7158		7167

Equipment	Description	Depth
Packer	AS1 Packer	7167

Leaks/Tight Spots	Description	Depth

Perforations

Date	Top	Bottom	SPF	Holes
Upper Morrow	7310	7326		

Rods

Taper	Size	Rod #	Depth	Holes

Notes

1/10/1956: Spud Well
3/21/1956: Completion Date
6/14/2007: Correct Spot Call

Lat: 36.526448 / Long: -100.9048