

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

Form 1002A

API No.: 35063245520000

**Completion Report**

Spud Date: August 28, 2015

OTC Prod. Unit No.: 063217186

Drilling Finished Date: November 02, 2015

1st Prod Date: February 15, 2016

Completion Date: January 11, 2016

**Drill Type: HORIZONTAL HOLE**

Well Name: LOIS 5-6H

Purchaser/Measurer: UNIMARK

Location: HUGHES 7 7N 11E  
SW NE NW NW  
494 FNL 984 FWL of 1/4 SEC  
Latitude: 35.099875 Longitude: -96.191186  
Derrick Elevation: 920 Ground Elevation: 897

First Sales Date: 2/15/2016

Operator: PETROQUEST ENERGY LLC 21466

1717 S BOULDER AVE STE 201  
TULSA, OK 74119-4842

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
There are no Location Exception records to display.	

Increased Density	
Order No	
640907	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13.375	48	H-40	488		500	SURFACE
INTERMEDIATE	9.625	36	J-55	2996		260	2093
PRODUCTION	5.5	20	P-110	10305		1130	4395

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

**Total Depth: 10305**

Packer	
Depth	Brand & Type
10108	RSI SLEEVE

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data										
Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
Feb 27, 2016	WOODFORD			1090		2184	FLOWING		OPEN	190

Completion and Test Data by Producing Formation										
Formation Name: WOODFORD			Code: 319WDFD			Class: GAS				
<b>Spacing Orders</b>				<b>Perforated Intervals</b>						
<b>Order No</b>	<b>Unit Size</b>			<b>From</b>			<b>To</b>			
630417	640			5273			10048			
<b>Acid Volumes</b>				<b>Fracture Treatments</b>						
9,491 GALS ACID				8,408,859 GALS SLICKWATER						
				4,251,282 SAND						

Formation	Top
WAPANUKA	3594
CROMWELL	3904
CANEY	4390
MAYES	4654
WOODFORD	4879

Were open hole logs run? No

Date last log run:

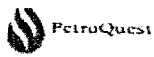
Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
IRREGULAR SECTION.

Lateral Holes
Sec: 6 TWP: 7N RGE: 11E County: HUGHES
NE NW NW NW
1 FNL 578 FWL of 1/4 SEC
Depth of Deviation: 4879 Radius of Turn: 777 Direction: 359 Total Length: 4775
Measured Total Depth: 10305 True Vertical Depth: 4678 End Pt. Location From Release, Unit or Property Line: 1

FOR COMMISSION USE ONLY
Status: Accepted
1133333

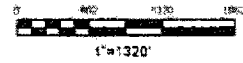


# Well Location Plat

B.H.L. Sec. 6-7N-11E I.M.

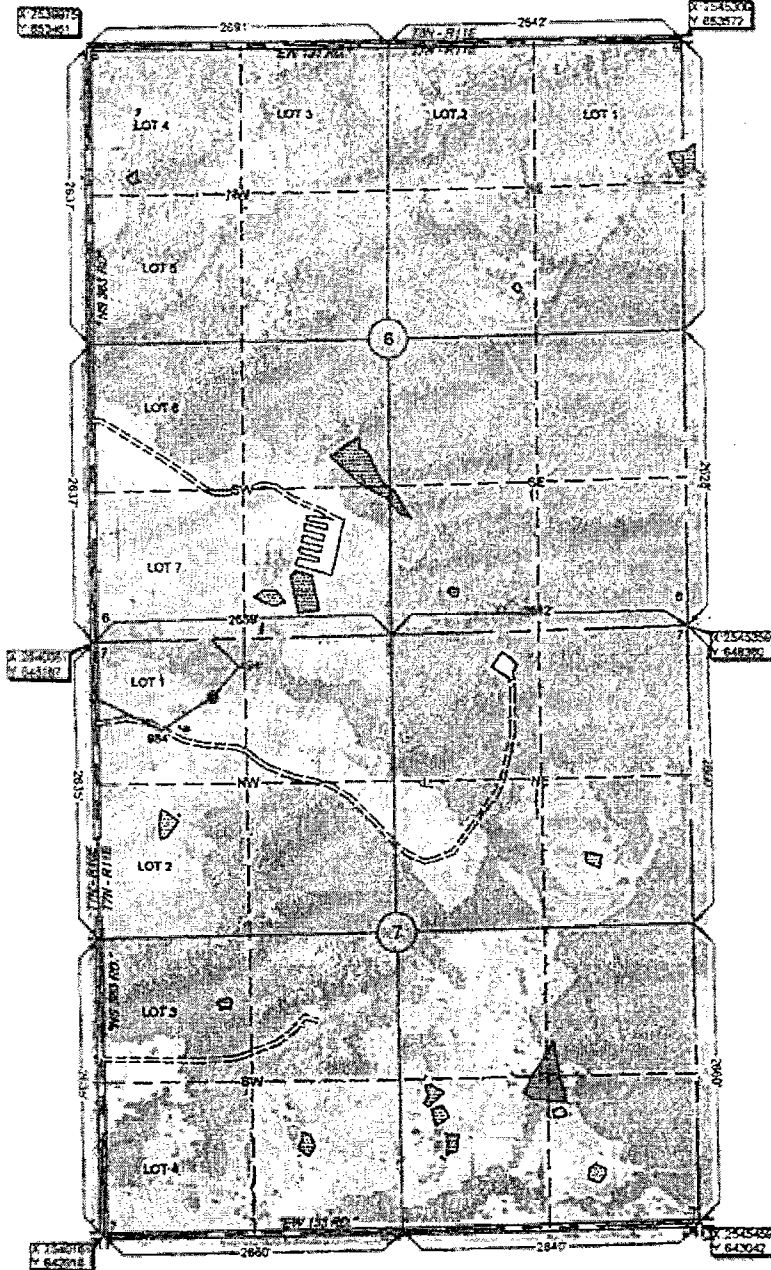
Operator PETROQUEST ENERGY, LLC  
 Lease Name and No. LOIS #5-6H  
 Footage : 494' FNL - 984' FWL GR. ELEVATION : 897' Good Site? YES  
 Section: 7 Township: 7N Range: 11E I.M.  
 County : Hughes State of Oklahoma  
 Alternate Loc : N/A  
 Terrain at Loc. : Location fell in open cattle pasture.

Accessibility From the West.  
 Directions From the junction of State Highway 75 and State Highway 270 in the town of  
 Homtown, OK, go 3.0 miles East on "Lamar Highway", then go 1.0 mile North on "NS  
 383 Road" to the Northwest Corner of Section 7-7N-11E.



GPS DATUM  
 NAD - 27  
 OK SOUTH ZONE

Surface Hole Loc.:  
 Lat: 35°05'59.55"N  
 Lon: 96°11'28.27"W  
 X: 2541054  
 Y: 647725



Quarter Section distances may be assumed from a Government Survey  
 Plat or assumed of a proportionate distance from opposing section  
 corners or occupied thereof, and may not have been measured  
 on-the-ground, and further, does not represent a true boundary survey

NOTE: X and Y data shown hereon for Section  
 corners may NOT have been surveyed  
 on-the-ground, and further, does NOT  
 represent a true boundary survey.

Please note that this location was staked  
 on the ground under the supervision of a Licensed  
 Professional Land Surveyor, but the accuracy of this  
 survey is not guaranteed.  
 Please contact Arkoma Surveying and Mapping  
 promptly if any inconsistency is determined.  
 GPS data is observed from RTK - GPS.

survey and plat by:  
 Arkoma Surveying and Mapping, PLLC  
 P.O. Box 238 Wiburton, OK 74578  
 Ph. 918-465-5711 Fax 918-465-5030  
 Certificate of Authorization No. 5348  
 Expires June 30, 2016

Certification:  
 This is to certify that this Well Location  
 Plat represents the results of a survey  
 made on the ground performed under the  
 supervision of the undersigned.

Invoice #5375-B-B  
 Date Staked : 07/01/15 By ZD  
 Date Drawn : 07/02/15 By TS

*Stan Drannon* 7/3/15  
 STAN DRANNON OK LPLS 1672



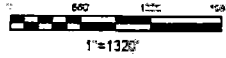


# Well Location Plat

S.H.L. Sec. 7-7N-11E I.M.  
B.H.L. Sec. 6-7N-11E I.M.

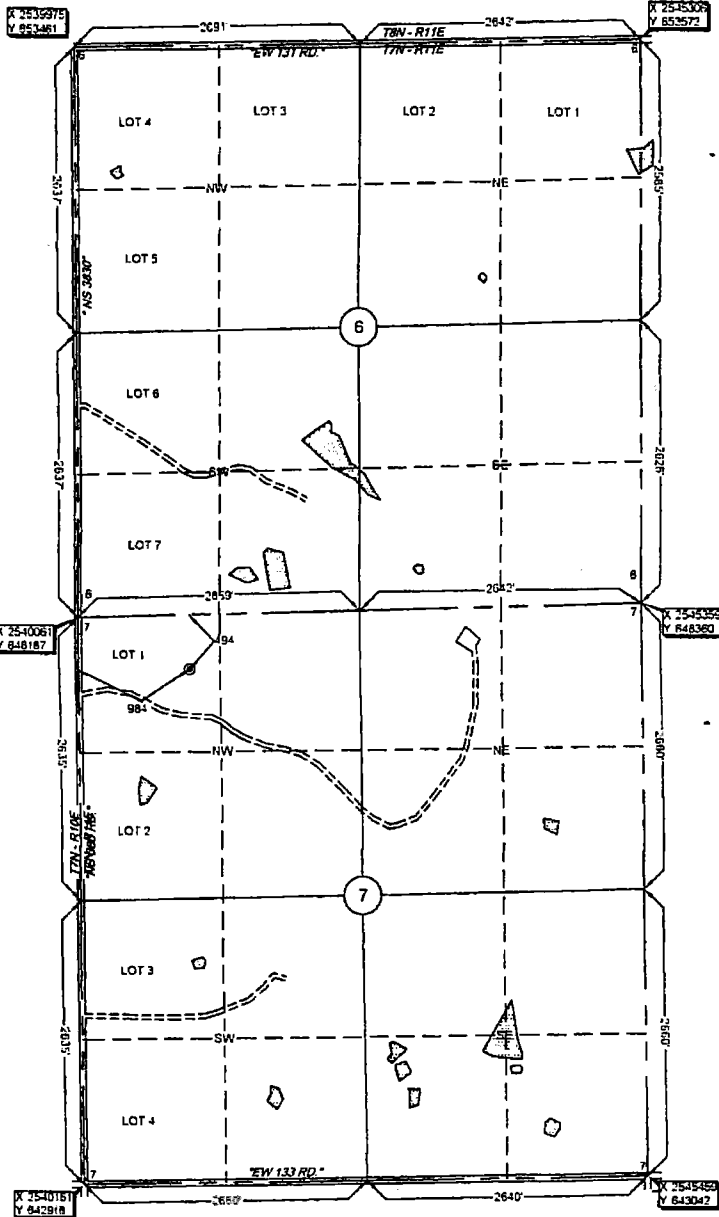
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NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

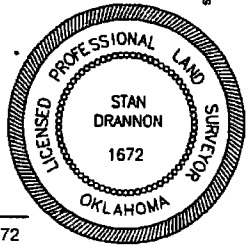
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Date Staked: 04/23/15 By: ZD  
Date Drawn: 04/27/15 By: TS

*Stan Drannon* 04/27/15  
STAN DRANNON OK LPLS 1672





**PetroQuest**  
ENERGY, L.L.C.

Project: Arkoma OK-S'27  
County: Hughes  
Site: Ethel / Lois West Pad  
Well: Lois #5-6H  
Wellbore: #5-6H OH  
Design: #5-6H OH



**TITAN**  
Directional Drilling

**FINAL LOCATION STATEMENT**



Azimuths to Grid North  
True North: -1.03°  
Magnetic North: 2.09°

Magnetic Field  
Strength: 50386.9snT  
Dip Angle: 63.60°  
Date: 10/21/2015  
Model: IGRF2015

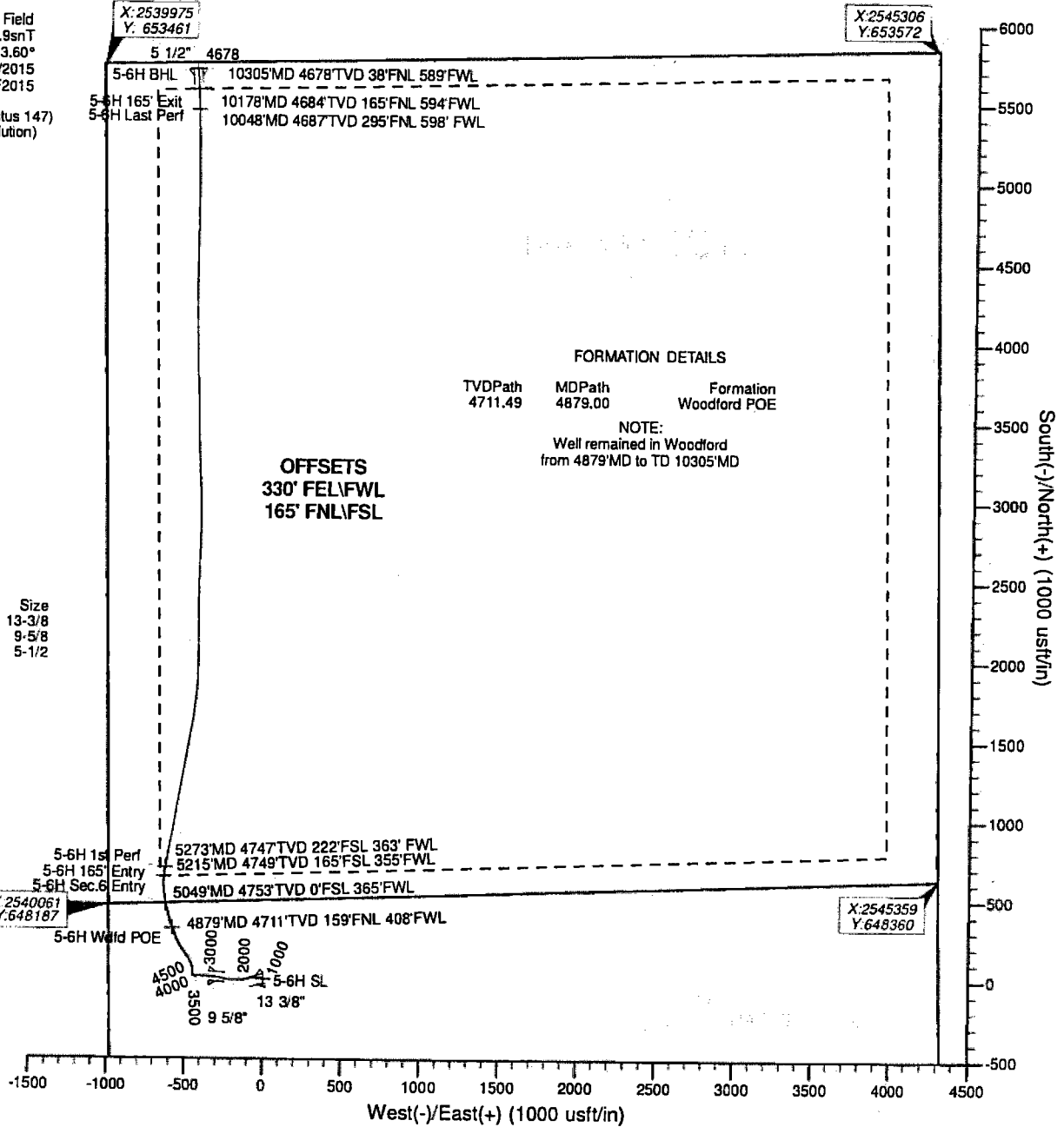
897GL+23KB @ 920.00usft (Cactus 147)  
US State Plane 1927 (Exact solution)  
Oklahoma South 3502  
35° 5' 59.546 N  
96° 11' 28.269 W

S7-T7N-R11E  
Surface  
494'FNL, 984'FWL

S6-T7N-R11E  
BHL  
38'FNL, 589'FWL

**CASING DETAILS**

TVD	MD	Size
517.98	518.00	13-3/8
2961.77	2995.00	9-5/8
4678.04	10302.00	5-1/2



**DESIGN LOCATION CALLS**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
5-6H SL	0.00	0.00	0.00	647725.26	2541053.88	35° 5' 59.546 N	96° 11' 28.269 W
5-6H BHL	4677.88	5709.50	-490.30	653434.63	2540563.60	35° 6' 56.096 N	96° 11' 32.938 W
5-6H 165' Exit	4684.46	5582.89	-483.19	653308.02	2540570.70	35° 6' 54.842 N	96° 11' 32.880 W
5-6H Last Perf	4687.04	5453.05	-477.08	653178.18	2540576.82	35° 6' 53.557 N	96° 11' 32.834 W
5-6H Well POE	4711.49	316.16	-582.09	648041.42	2540471.80	35° 6' 2.776 N	96° 11' 35.205 W
5-6H 1st Perf	4746.90	695.42	-633.42	648420.67	2540420.48	35° 6' 6.536 N	96° 11' 35.740 W
5-6H 165' Entry	4749.41	638.25	-640.67	648363.49	2540413.23	35° 6' 5.972 N	96° 11' 35.840 W
5-6H Sec.6 Entry	4753.44	473.58	-628.24	648198.83	2540425.66	35° 6' 4.341 N	96° 11' 35.726 W

6/1/16

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1016EZ

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2/27/16 319WDFD 1 xmt - shale

May 11, 2016

EZ

OR