API NUMBER: 087 22048 Horizontal Hole Oil & Gas	OIL & GAS	CORPORATION COMMISSION CONSERVATION DIVISION P.O. BOX 52000 MA CITY, OK 73152-2000 Rule 165:10-3-1)	Approval Date: 05/12/2016 Expiration Date: 11/12/2016
	P	ERMIT TO DRILL	
	-		
WELL LOCATION: Sec: 34 Twp: 7N Rge	: 4W County: MCCLA	IN	
SPOT LOCATION: NW SE NW NE		ORTH FROM EAST	
	SECTION LINES: 82	29 1830	
Lease Name: JERRY	Well No: 1	H-22X Wel	I will be 829 feet from nearest unit or lease boundary.
Operator NEWFIELD EXPLORATION MI Name:	D-CON INC	Telephone: 9188781290; 9188781	OTC/OCC Number: 20944 0
NEWFIELD EXPLORATION MID-CO	DN INC		
1 WILLIAMS CTR STE 1900			NA & DRU HAYHURST
TULSA, OK 74172-0162		3112 NORCRE	-
		OKLAHOMA C	ITY OK 73121
2 WOODFORD 3 HUNTON 4 5 Spacing Orders: 651280 652038	10127 10269 Location Exception Or	7 8 9 10 rders: 652039	Increased Density Orders:
Pending CD Numbers:			Special Orders:
Total Depth: 20956 Ground Elevation	E 1210 Surface Ca	asing: 1500	Depth to base of Treatable Water-Bearing FM: 340
Under Federal Jurisdiction: No	Fresh Water S	upply Well Drilled: No	Surface Water used to Drill: Yes
PIT 1 INFORMATION		Approved Method for dispose	al of Drilling Fluids:
Type of Pit System: ON SITE		A. Evaporation/dewater and	
Type of Mud System: AIR		B. Solidification of pit conter	its.
Is depth to top of ground water greater than 10ft belo Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Are		F. Haul to Commercial soil f. 617361 H. SEE MEMO	arming facility: Sec. 6 Twn. 2N Rng. 4W Cnty. 137 Order No:
Category of Pit: 4			
Liner not required for Category: 4			
Pit Location is AP/TE DEPOSIT			
Pit Location Formation: TERRACE			
Mud System Change to Water-Based or Oil-Based N	lud Requires an Amended Intent (For	rm 1000).	

 PIT 2 INFORMATION

 Type of Pit System:
 CLOSED Closed System Means Steel Pits

 Type of Mud System:
 WATER BASED

 Chlorides Max: 5000 Average: 3000
 Is

 Is depth to top of ground water greater than 10ft below base of pit?
 Y

 Within 1 mile of municipal water well?
 N

 Wellhead Protection Area?
 N

 Pit
 is
 located in a Hydrologically Sensitive Area.

 Category of Pit:
 C

 Liner not required for Category: C
 C

Pit Location is AP/TE DEPOSIT Pit Location Formation: TERRACE

PIT 3 INFORMATION

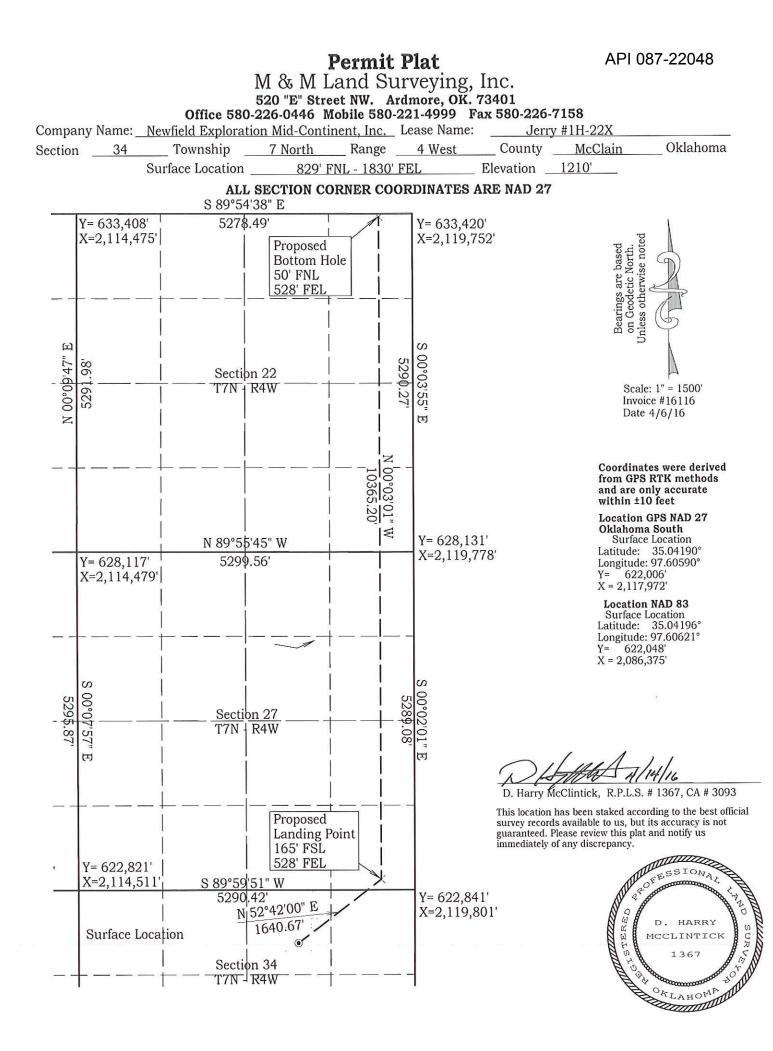
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 150000 Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C Pit Location is AP/TE DEPOSIT Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 22 Twp 7N Rge 4W County MCCLAIN Spot Location of End Point: NW NF NE NE Feet From: NORTH 1/4 Section Line: 50 Feet From: EAST 1/4 Section Line: 528 Depth of Deviation: 10042 Radius of Turn: 750 Direction: 10 Total Length: 9736 Measured Total Depth: 20956 True Vertical Depth: 10269 End Point Location from Lease. Unit, or Property Line: 50 Notes: Description Category 4/27/2016 - G71 - APPROVED: NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS DEEP SURFACE CASING OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING HYDRAULIC FRACTURINE 4/27/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

087 22048 JERRY 1H-22X

Category	Description
LOCATION EXCEPTION - 652039	4/27/2016 - G75 - (I.O.) 22 & 27-7N-4W X651280 MSSP, WDFD, HNTN SHL (15-7N-4W) SE4 ** COMPL. INT. (22-7N-4W) NCT 165 FNL, NCT 0 FSL, NCT 330 FEL ++ COMPL. INT. (27-7N-4W) NCT 0 FNL, NCT 165 FSL, NCT 330 FEL ++ NEWFIELD EXPLOR. MID-CONT. INC. 4-22-2016
	** ITD HAS SHL AS NE4 34-7N-4W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
	++ ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
MEMO	4/27/2016 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED, AND BURIED ON SITE; PIT 3 - OBM TO VENDOR
SPACING - 651280	4/27/2016 - G75 - (640)(HOR) 22 & 27-7N-4W VAC 98937/110671/112492 MSRH 22-7N-4W VAC 98937/110671/112492 MSRH NW4 27-7N-4W VAC 97397/110671/112492 MSRH E2 & SW4 27-7N-4W EXT 635145 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 652038	4/27/2016 - G75 - (I.O.) 22 & 27-7N-4W EST MULTIUNIT HORIZONTAL WELL X651280 MSSP, WDFD, HNTN (MSSP, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 50% 22-7N-4W 50% 27-7N-4W NEWFIELD EXPLOR. MID-CONT. INC. 4-22-2016



Bob Anthony Commissioner

Corporation Commission

OKLAHOMA CITY OKLAHOMA 73152-2000

OIL & GAS CONSERVATION DIVISION



255 Jim Thorpe Building Telephone: (405)521-2302 FAX: (405)521-3099

Dana Murphy

Commissioner

Lori Wrotenbery, Director

API 087-22048

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November 15, 2010

J. Blake Scott Scott Environmental Services, Inc. P.O. Box 6215 Longview, Texas 75608

RE: Requests for variances to liner requirements for pits used to contain oil-based cuttings or other ed

Jeff Cloud

Commissioner

Dear Mr. Scott:

This is in response to your inquiry concerning the procedure by which operators of wells in the State of Oklahoma regulated by the Commission's Oil and Gas Conservation Division may request variances to liner requirements for pits used to contain oil-based cuttings (OBC). OAC 165:10-7-16(b)(1)(B)(iv) provides that any pit used to contain oil-based drilling fluids, cuttings and/or completion/fracture/workover fluids shall be required to have a geomembrane liner. OAC 165:10-7-16(b)(5) states that any variance from the liner requirements of OAC 165:10-7-16(b)(5) states that any variance from the liner requirements of OAC 165:10-7-16(b)(5) states that any variance from the liner requirements of OAC 165:10-7-16 may be granted by the Manager of the Technical Services Department after receipt of a written request and supporting documentation required by the Department. Operators must submit written requests for variances to liner requirements for pits used to contain OBC to the Commission's Technical Services Department (TSD) Manager as attachments to initial or amended OCC Form 1000 Applications to Drill, Recomplete or Reenter.

The TSD Manager will require operators to submit documentation in support of requests for variances. Variances to liner requirements for pits containing OBC are not effective until granted by the TSD Manager. If operators requesting variances to liner requirements for pits containing OBC fail to submit acceptable documentation to the TSD Manager, or if such variance requests are denied, then operators are required to deposit the solidified OBC in pits containing geomembrane liners and close the pits as required by OAC 165:10-7-16, or otherwise dispose of the solidified OBC in accordance with Commission rules.

If the processes employed by your company and any other entity demonstrate through the submission of laboratory analyses, chain of custody forms and any other documentation required by the TSD Manager that the solidified OBC for which a variance from the pit liner requirements is sought meet acceptable criteria, then the TSD Manager could approve such variance requests submitted by operators.

Your company has demonstrated in three separate trials to date that solidified OBC for which variances were sought by operators have met the criteria of the Technical Services Department for burying such materials in pits with no geomembrane liners.

If you have any questions concerning the foregoing, please contact me at (405) 522-2763.

Sincerely

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Tim Baker Manager, Pollution Abatement Department Oklahoma Corporation Commission

Cc: Lori Wrotenbery, Ron Dunkin, Wayne Wright, Grant Ellis, Tony Cupp, Terry Grooms, Gayland Darity, Sally Shipley, Keith Thomas, Susan Conrad, Jim Hamilton, Connie Moore

Section 2 States of the

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SERVICE • ASSISTANCE • COMPLIANCE EXCELLENCE IS OUR STANDARD



Newfield Exploration Mid-Continent, Inc. One Williams Center; Suite 1900 Tulsa, OK 741729 918-582-2690 Fax: 918-732-1787

April 24, 2016

API 087-22048

Oklahoma Corporation Commission Oil & Gas Conservation Division P.O. Box 52000.____ Oklahoma City, Oklahoma 73152-2000

ATTN: Manager of the Technical Services Department

RE: Liner Variance Request Jerry 1H-22X Sec 34-07N-04W, McClain County

Dear Sir:

We are requesting a variance to the liner requirements for the burial of oil-based cuttings (OBC) as stated in rules of the Oklahoma Corporation Commission (OCC). We intend to bury the OBC from the above mentioned well using Scott Environmental Services Inc.'s (SESI) stabilization and solidification process, DuroSM. Specifically, the request for a variance is because the chosen process cannot be practically carried out under current Oklahoma rules due to the rules stating that OBC burial requires a geomembrane liner but the rules do not allow stirring within geomembrane lined pits.

In a letter dated November 15, 2010, Mr. Tim Baker confirmed that use of a Duro[™] process had met the requirements of the Commission. It is requested that a variance be approved for this well site, provided that the following conditions are met:

- 1. A soil liner may be used instead of a geomembrane liner if the unconfined compressive strength (UCS) of the DuroSM material is at least 70 pounds per square inch (psi), or
- 2. No liner is required if the DuroSM material meets all of the following conditions:
 - a. A permeability of not more than 1 x 10⁻⁶ cm/sec;
 - b. A UCS of at least 35 psi; and
 - c. Concentrations in a leachate of the DuroSM material according to EPA's SPLP procedure do not exceed the following values for the constituents named:
 - i. Total Petroleum Hydrocarbons, 100 mg/l;
 - ii. pH, 12.49 SU, plus a lower limit no less than 6;
 - iii. Arsenic, 5.00 mg/l;
 - iv. Barium, 100 mg/l;
 - v. Cadmium, 1.00 mg/l;
 - vi. Chromium, 5.00 mg/l;
 - vii. Lead, 5.00 mg/l;

- viii. Mercury, 0.20 mg/l;
- ix. Selenium, 1.00 mg/l;
- x. Silver, 5.00 mg/l;
- xi. Zinc, 5.00 mg/I; and
- xii. Benzene, 0.5 mg/l.

The permeability value specified in item 2(a) is the same as that required for a standard soil liner, so that in effect the DuroSM processed material becomes its own liner but is even more effective, because the low permeability extends throughout the bulk of the DuroSM material.

Conformance with the specified criteria is determined on laboratory samples made with a representative sample of the waste to be subjected to the DuroSM process. The results of the testing will be provided to the Pollution Abatement Department of the OCC.

Your prompt attention to this matter is appreciated.

Sincerely,

Daniele Burris Regulatory Principal