

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 081 24301

Approval Date: 02/13/2018

Expiration Date: 08/13/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 15N Rge: 6E

County: LINCOLN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 990 990

Lease Name: MCCANN

Well No: 2-2

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: BLUE DOLPHIN PRODUCTION LLC

Telephone: 4052855388

OTC/OCC Number: 20881 0

BLUE DOLPHIN PRODUCTION LLC  
13120 N MACARTHUR BLVD  
OKLAHOMA CITY, OK 73142-3017

JOSEPH MCCANN  
9414 FORREST VISTA WAY  
ELK GROVE CA 95758

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	TONKAWA	1700	6	
2	TRUE LAYTON	1920	7	
3	CLEVELAND	2110	8	
4			9	
5			10	

Spacing Orders: 669179

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 2500

Ground Elevation: 924

**Surface Casing: 750**

Depth to base of Treatable Water-Bearing FM: 680

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 2500 Average: 1800

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: ADA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

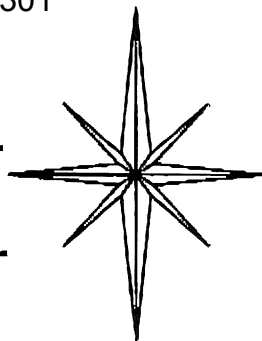
081 24301 MCCANN 2-2

Category	Description
HYDRAULIC FRACTURING	<p>2/7/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 669179	<p>2/13/2018 - G75 - (40) SE4 2-15N-6E EXT 231474 TNKW, LYTNT, CLVD, OTHERS</p>
SURFACE CASING	<p>2/7/2018 - G71 - MIN. 750' PER ORDER # 85634</p>
SURFACE LOCATION	<p>2/13/2018 - G75 - 990' FNL, 990' FEL SE4 2-15N-6E PER STAKING PLAT</p>

OILWELL PLAT

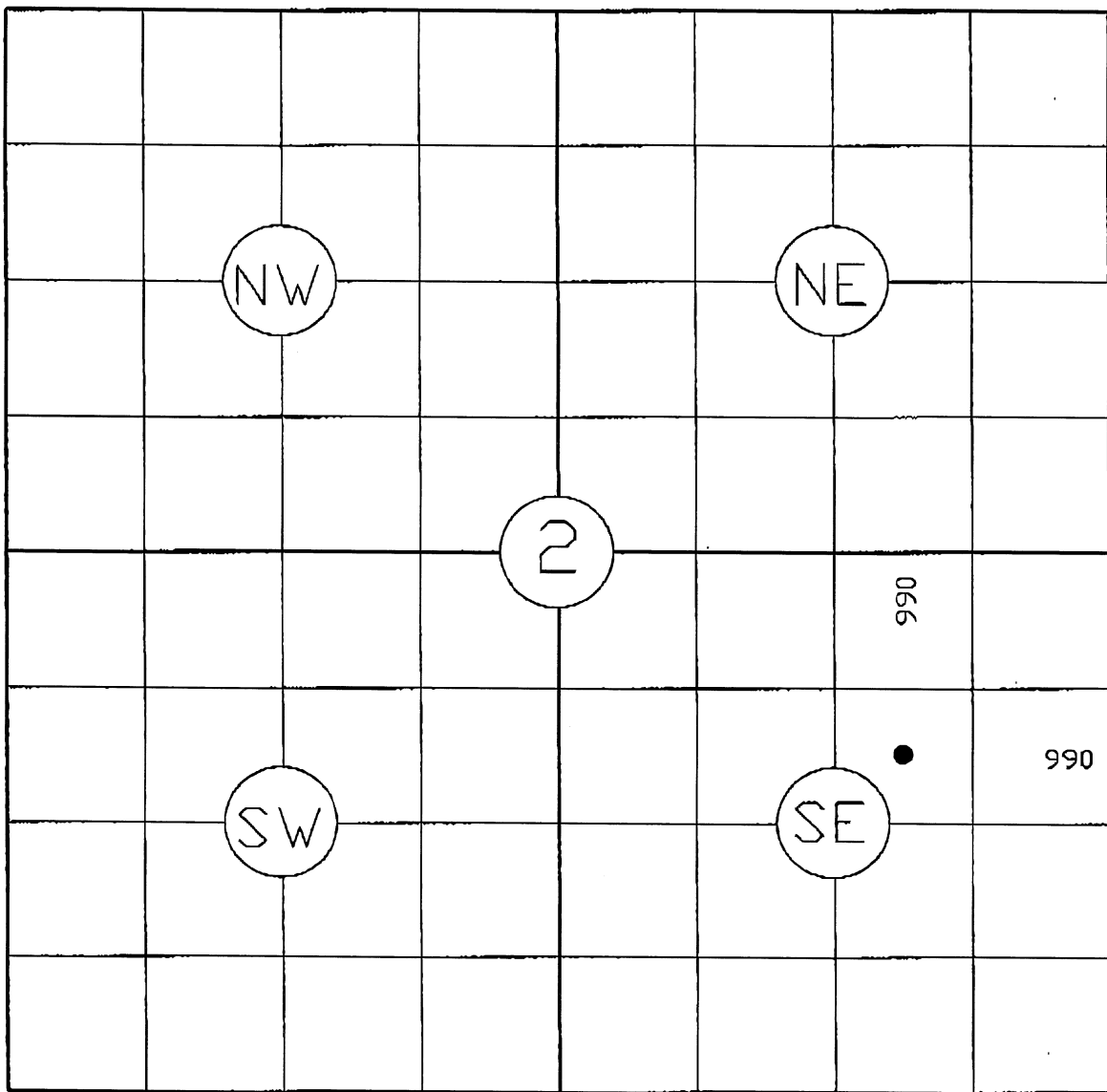
API 081-24301

N



LINCOLN COUNTY, STATE OF OKLAHOMA  
SECTION 2 TOWNSHIP 15 N RANGE 6 E  
OPERATOR Blue Dolphin Energy  
LEASE NAME McCann WELL NUMBER 2-2 ELEVATION 924'  
LOCATION Center SW/4 NE/4 SE/4

Lat: 35°48'06.20329" N Long: 96°37'50.07009" W



THIS LOCATION HAS BEEN VERY CAREFULLY STAKED ON THE GROUND  
ACCORDING TO THE BEST OFFICIAL SURVEY RECORDS, MAPS, AND  
PHOTOGRAPHS AVAILABLE TO US, BUT ITS ACCURACY IS NOT GUARANTEED.  
WHEN ELEVATION IS SHOWN HEREON, IT IS THE GROUND ELEVATION AT THE  
LOCATION STAKE. REVIEW THIS PLAT AND NOTIFY US IMMEDIATELY OF ANY  
POSSIBLE DISCREPANCY.

CERTIFICATE OF SURVEY

I, EDMOND T. SCHOOLEY, A REGISTERED LAND SURVEYOR, DO HEREBY  
CERTIFY THAT A SURVEY WAS MADE UNDER MY SUPERVISION OF THE  
ABOVE SHOWN WELL LOCATION IN THE SE/4, SECTION 2, T 15 N,  
R 6 E, I.M., LINCOLN COUNTY, OKLAHOMA, AND TO THE BEST OF MY  
KNOWLEDGE THE ABOVE PLAT IS A CORRECT REPRESENTATION OF SAID  
SURVEY, WITH ELEVATIONS AND DIMENSIONS AS SHOWN.

LINCOLN LAND SURVEYORS, INC.  
802 HWY NORTH, P. O. BOX 423  
CHANDLER, OKLAHOMA 74834

NO. 18-23

DATE 1-26-2018

Received Time Jan. 26, 4:2018:5 2:58PM No. 1978  
FAX 1-405-258-3044

EDMOND T. SCHOOLEY  
OKLAHOMA RPLS #1358  
CA # 1123  
EXPIRES 6-19