Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-42947
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: McCloy SWD

1. Type of Well: Oil Well ☐ Gas Well ☐ Other SWD
8. Well Number 002
2. Name of Operator: Owl SWD Operating, LLC
9. OGRID Number 308339
3. Address of Operator: 8214 Westchester Dr., Ste.850, Dallas, TX 75225
10. Pool name or Wildcat: SWD; Devonian

4. Well Location
Unit Letter L : 1595 feet from the South line and 369 feet from the East line
Section 15 Township 24-S Range 32-E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3599' G.L.

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:		Casing Mods	☐	OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This casing design of this well has been altered to conform to BLM guidelines.

DEPTHS HAVE NOT BEEN ALTERED.

Updated pipe specifications and wellbore diagram are attached.

(Attachments follow.)

Spud Date: ~ 12/15/2015 Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [signature] TITLE Agent/consultant DATE 12/08/2015

Type or print name _____ E-mail address: ben@sosconsulting.us PHONE: 903-488-9850

For State Use Only

APPROVED BY: [signature] TITLE Petroleum Engineer DATE 12/09/15
Conditions of Approval (if any):

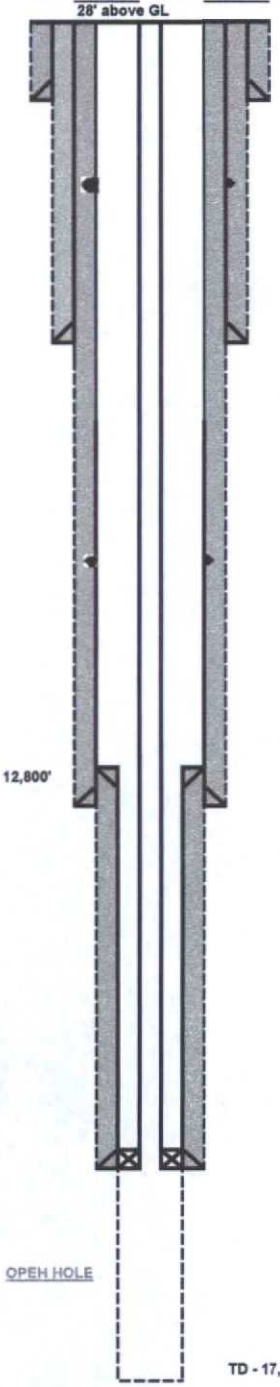
DEC 10 2015

PROPOSED WELLBORE

OWL

WELL NAME:	McCLOY SWD #2	SPUD:		API#	
FIELD:	SWD (DEVONIAN)	RIG RELEASE:		AFE#	
LOCATION:	1595' FSL & 369' FWL	COMP. DATE:			
	Sect 15, T-24S, R-32E	DRILLING RIG:			
COUNTY/STATE:	Lea/NM				

KB: 3,327' GL: 3,599'
28' above GL



SURFACE CASING BTC

DEPTH: 1,000' SIZE: 20" WT: 94 GRADE: J/K-55 BIT SIZE: 26"

CEMENT: Lead: 1370 sx ExtendaCem + 2% CaCl + 0.25 pps Celloflake (13.5 ppg 1.76 yld.) Tail: 500 sx Cl C + 2% CaCl + 0.25 pps Celloflake (14.8 ppg 1.34 yld.) Cement circulated to surface.

1st INTERMEDIATE CASING STC

DEPTH: 5,000' SIZE: 13-3/8" WT: 68 GRADE: HCP-110 BIT SIZE: 17-1/2"

CEMENT: Two Stage- Stg 1-Lead: 2170 sx HLC + 5% Salt (12.7 ppg 1.94 yld) Tail: 300 sx Class C cmt + 2% CaCl (14.8 ppg 1.34 yld.) Stg 2 - Lead: 1820 sx HLC + 5% Salt (12.7 ppg 1.94 yld.) Tail: 200 sx Cl C cmt + 2% CaCl (14.8 ppg 1.34 yld.) Circulate cmt to surface.

DV TOOL: 2,500'

PRODUCTION

~~2nd INTERMEDIATE~~ CASING LTC

DEPTH: 13,000' SIZE: 9-5/8" WT: 53.5 GRADE: HCP-110 BIT SIZE: 12-1/4"

CEMENT: Two Stage Cmt Job: Stg 1 - Lead: 1535 sx HLC cmt. (11.9 ppg 2.45 yld.) Tail: 100 sx Cl H cmt. (14.2 ppg 1.27 yld.) Stg 2 - Lead: 800 sx HLC (11.9 ppg 2.45 yld.) Tail: 100 sx Cl H (14.2 ppg 1.27 yld.) Circulate cmt to surface.

DV TOOL: 5,000'

LINER UFJ

DEPTH: 12,800' - 16,750' SIZE: 7-3/4" WT: 46.1 GRADE: P-110 BIT SIZE: 8 1/2

CEMENT: 300 sx Class H cmt + additives.

TUBING BTC

DEPTH: 16,700' SIZE: 5-1/2" WT: 20 GRADE: P-110 PKR: 16700

Prepared by: JCW
12/8/2015

OWL McCLOY SWD #2
Lea County, NM

CASING DETAIL

Size	Weight (lbs/ft)	Grade	Connection	OD (in)	Drift Diameter (in)	TVD / Length (ft)	Interval	MW Set in (ppg)	Weight (in Air) Section (lbs)	Weight (in Air) Cumulative (lbs)	Weight (Bouyed) Section (lbs)	Weight (Bouyed) Cumulative (lbs)
CONDUCTOR 30		2/B LP	Welded	30	26	80	0 - 80	NA	NA	NA	NA	NA
SURFACE 20	94	J/K-55	STC	21.000	17.5	1,000	0 - 1,000	9.5	94000	94000	80155	80155
INTERMEDIATE 13 3/8	68	HCP-110	STC	14.375	12.25	5,000 / 5,000	0 - 5,000	10.2	340000	340000	286233	286233
PROD ~~INTERMED 2~~ 9 5/8	53.5	HCL-110	LTC	10.625	8.5	13,000 / 13,000	0 - 13,000	9.6	695500	695500	591984	591984
LINER 7 3/4	46.1	P-110	UFJ	7.750	6.5	16,750 / 3,950	12,800 - 16,750	13.8	182095	182095	143135	143135
TBG 5 1/2	20	P-110	BTC	6.050	4.767	16,700 / 16,700	0 - 16,700	8.6	334000	334000	289467	289467

Size	Weight (lbs/ft)	Grade	Connection	Collapse (psi)	Burst (psi)	Tension (M lbs)
CONDUCTOR 30	0	2/B LP	Welded	NA / NA	800 / NA	NA / NA
SURFACE 20	94	J/K-55	STC	REQ'D 1.125 520 / 1.57	1.100 2110 / 2.11	1.8 824 / 8.77
INTERMEDIATE 13 3/8	54.5	HCP-110	STC	REQ'D 1.125 2910 / 1.64	1.100 6910 / 1.38	1.8 1297 / 3.81
PROD ~~INTERMED 2~~ 9 5/8	53.5	HCL-110	LTC	REQ'D 1.125 8850 / 1.36	1.125 10900 / 2.18	1.8 1,422 / 2.40
LINER 7 3/4	46.1	P-110	UFJ	REQ'D 1.125 14990 / 1.25	1.125 14430 / 2.89	1.8 1,109 / 6.09
TBG 5 1/2	20	P-110	BTC	REQ'D 1.125 11100 / 1.49	1.125 12360 / 2.47	1.8 641 / 1.92

CALCULATED VALUES

ASSUMPTIONS:

SURFACE-	1. COLLAPSE -2/3 EVACUATED 2. BURST - 1,000 PSI TEST PRESSURE 3. TENSION IN AIR
INTERMEDIATE	1. COLLAPSE 2/3 EVACUATED 2. BURST - 5000 PSI 3. TENSION IN AIR

1274

INT 2	1. COLLAPSE FULLY EVACUATED 2. BURST - 1.0 - 5,000# MASP 3. TENSION IN MUD
LINER	1. COLLAPSE FULLY EVACUATED HOLE 2. BURST - 1.0 - 5,000# MASP 3. TENSION IN AIR
TBG	1. COLLAPSE FULLY EVACUATED HOLE 2. BURST - 1.0 - 5,000# MASP 3. TENSION IN AIR

3920.8

5800.86

jcw

12/9/2015