

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. 30-025-42760	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Brininstool SWD	
8. Well Number 1	
9. OGRID Number 308339	
10. Pool name or Wildcat SWD; Devonian (96101)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3710' GR	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐ Modify Permitted Interval.
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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.

Change to proposed interval as approved on C-101 APD

Lonquist and Company recently reviewed the geology for this ongoing project.

From that review, they determined a more appropriate maximum interval would be for a top of (casing shoe depth) 17,000 feet and a bottom hole depth of 18,500 feet with an ACTUAL TARGET depth of 17,250 feet to 18,250 feet.

Due to lack of geological control for this area and this depth, final interval depths will be determined by mudlogging while drilling and e-logs.

In this scenario, Owl hereby requests that a maximum permitted interval of 17,000'-18,500' be approved.

An updated Wellbore Diagram is attached.

[Workover]
Spud Date: 10/15/2015 (Dpndng on Rig avblty)

Rig Release Date:

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

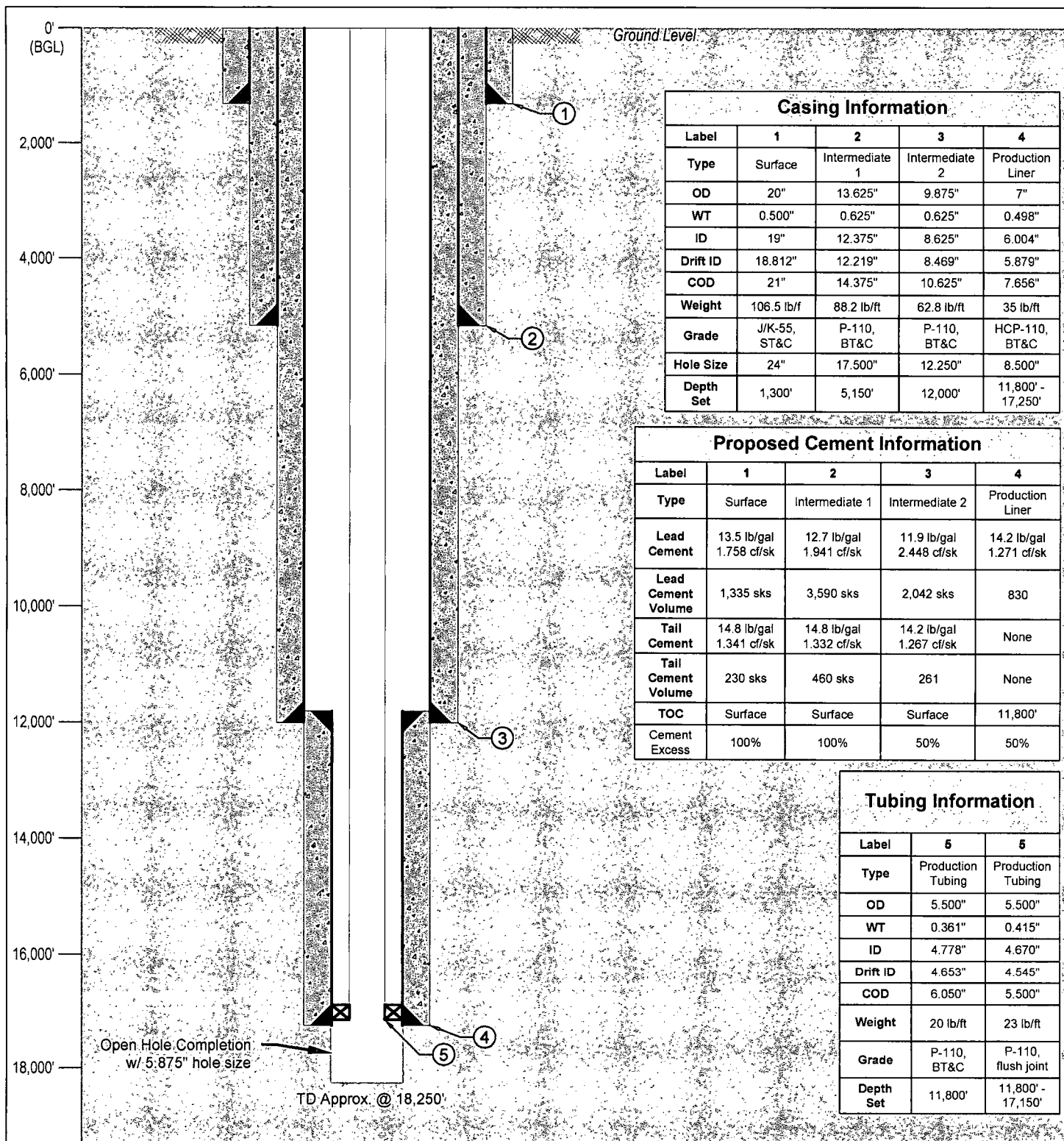
SIGNATURE Ben Stone TITLE Agent for Owl SWD Operating, LLC DATE 9/24/2015

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 09/25/15
Conditions of Approval (if any):

SEP 28 2015



LONQUIST & CO. LLC		OWL SWD Operating, Inc		Brininstool SWD No. 3	
		Country: USA		State/Province: New Mexico	County/Parish: Lea
AUSTIN HOUSTON WICHITA CALGARY		Survey/STR:		Site:	Status: To Be Drilled
Texas License F-8952		API No.:		Field:	Ground Elevation: 3,710'
State ID No.:		Project No:		Date: 9/21/2015	
3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512.732.9812 Fax: 512.732.9816		Drawn: MMC		Reviewed: RSC	Approved: SLP
Rev No:		Notes: Devonian completion.			

APD Calculation Summary
C295:K384

2nd Dia

20	surface csg in a	24	inch hole.	Design Factors			SURFACE		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	106.50	K 55	ST&C	6.93	1.14	0.83	1,300	138,450	
"B"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,120				Tail Cmt	does not	circ to sfc.	Totals:	1,300 138,450	
Comparison of Proposed to Minimum Required Cement Volumes									
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
24	0.9599	1565	2655	1327	100	10:00	1756	2M	1.50
Burst Frac Gradient(s) for Segment(s) A, B = , b All > 0.70, OK.									

3rd Dia

13 5/8	casing inside the	20	Design Factors			INTERMEDIATE			
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	88.20	P 110	BUTT	4.76	1.58	1.22	5,150	454,230	
"B"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig:						Totals:	5,150	454,230	
The cement volume(s) are intended to achieve a top of				0	ft from surface or a	1300	overlap.		
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
17-1/2	0.6578	4060	7581	3813	99	10:80	4591	6M	8.75
MASP is within 10% of 5000psig, need									

4th Dia

9 7/8	casing inside the	13 5/8	Design Factors			PRODUCTION			
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	62.80	p 110	BUTT	2.10	1.42	1.01	12,000	753,600	
"B"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 2,640						Totals:	12,000	753,600	
The cement volume(s) are intended to achieve a top of				0	ft from surface or a	5150	overlap.		
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
12 1/4	0.2866	2303	5330	3543	50	11:60	8302	10M	0.81
Class 'H' tail cmt yld > 1.20 MASP is within 10% of 5000psig, need exrta equip?									

5th Dia

7	Liner w/top @	11800	Design Factors			LINER			
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	35.00	HCP 110	BUTT	1.82	1.15	0.96	5,450	190,750	
"B"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 621						Totals:	5,450	190,750	
The cement volume(s) are intended to achieve a top of				11800	ft from surface or a	200	overlap.		
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd	Min Dist
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE	Hole-Cplg
8 1/2	0.1268	830	1055	702	50	13:50			0.422
Burst Frac Capitan Reef est top XXXX. MASP is within 10% of 5000psig, need exrta equip?									