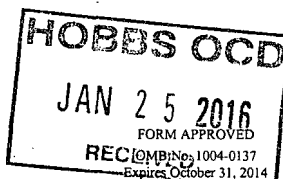


SECRETARY'S POTASH

Form 3160-3
(March 2012)~~BLM Carlsbad Field Office~~

OCD Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

Split Estate

1a. Type of Work: ☒ DRILL ☐ REENTER		5. Lease Serial No. SHL: NMLC066126; BHL: NMNM56265	
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Nearburg Producing Company (15742)		7. If Unit or CA Agreement, Name and No.	
3a. Address 3300 N A Street, Bldg 2, Ste 120, Midland, TX 79705		8. Lease Name and Well No. 40102 Lea South 25 Federal Com #11H	
3b. Phone No. (include area code) 432-686-8235		9. API Well No. 30-025- 43036	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface 330' FSL 1830' FEL (0) At proposed prod. Zone 330' FNL 1680' FEL (B) Horizontal Bone Spring test		10. Field and Pool, or Exploratory (37580) Lea Bone Spring South	
14. Distance in miles and direction from nearest town or post office* Approximately 22 miles NW of Eunice NM		11. Sec., T. R. M. or Blk. and Survey or Area 25-20S-34E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 330'		12. County or Parish Lea	
16. No of acres in lease NMNM56265=240 acres; NMLC066126= 800 acres		13. State NM	
17. Spacing Unit dedicated to this well 160			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 150' from #7H			
19. Proposed Depth 14,218' MD 9,800' TVD		20. BLM/BIA Bond No. on File NM2575; NMB000835	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3744' GR		22. Approximate date work will start* 01.30.13	
		23. Estimated duration 35 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator Certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Tim Green	Date 10.14.13
Title Marketing and Production Services Manager		
Approved By (Signature) /s/George MacDonell	Name (Printed/Typed)	Date JAN 19 2016
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.S. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

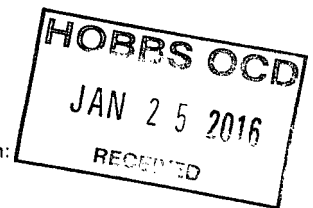
Capitan Controlled Water Basin

Approval Subject to General Requirements
& Special Stipulations AttachedKZ
01/26/16
SEE ATTACHED FOR
CONDITIONS OF APPROVAL

JAN 27 2016

APPROVAL FOR TWO YEARS

Application to Drill
Lea South 25 Federal Com #11H
Nearburg Producing Co. Agent: Cimarex Energy Co.
UL: B, Sec. 25-20S-34E
Lea Co., NM



In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

- 1 Location: SHL 330' FSL 1830' FEL
BHL 330' FNL 1680' FEL
- 2 Elevation above sea level: 3744' GR
- 3 Geologic name of surface formation: Quaternary Alluvium Deposits
- 4 Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
- 5 Proposed drilling depth: 14,218' MD 9,800' TVD
- 6 Estimated tops of geological markers:

Formation	Est. Top	Bearing
Rustler	1650	NA
Salt	1800	NA
Tansill	3400	NA
Yates	3645	NA
Capitan	3970	NA
Delaware	5700	Hydrocarbons
Bone Spring	8400	NA
Avalon Shale	8900	Hydrocarbons
1st BSS	9600	Hydrocarbons
2nd BSS	10150	NA
3rd Carbonate	10630	NA
3rd BSS	10925	NA
3rd BS "C" SS	11015	Hydrocarbons

- 7 Possible mineral bearing formation:
Shown above

7A OSE Ground Water estimated depth: 100'

- 8 Casing Program:

Casing Depth From (ft)	Casing Setting Depth(ft) MD	Casing Setting Depth(ft) TVD	Open Hole Size (inches)	Casing Size (inches)	Casing Weight (lb/ft)	Casing Grade	Thread	Condition	BHP (psig)	Anticipated Mud Weight (ppg)	Collapse SF (1.125)	Burst SF (1.125)	Cumulative Air Weight (lbs)	Cumulative Bouyed Weight (lbs)	Bouyant Tension SF (1.8)
Surface															
0'	1780'	1780'	17 1/2	13 3/8	54.5	J-55	ST&C	New	801	8.4	1.45	3.42	97,010	84,569	6.08
Intermediate															
0'	5700'	5700'	12 1/4	9 5/8	40	HCK-55	LT&C	New	2,565	10.2	1.40	1.54	228,000	192,495	3.61
Production															
0'	9323'	9323'	8 3/4	5 1/2	17	P-110	LT&C	New	2,254	9.2	1.68	4.72	166,600	143,200	3.11
9323'	14218'	9800'	8 3/4	5 1/2	17	P-110	BT&C	New	4,410	9.2	1.60	2.41	8,109	6,970	78.34

Casing Design Criteria and Casing Loading Assumptions:

Surface

- Tension A 1.8 design factor with effects of buoyancy. 8.4 ppg
- Collapse A 1.125 design factor with full internal evacuation and a collapse force equal to a 8.4 ppg mud gradient
- Burst A 1.125 design with a surface pressure equal to the fracture gradient at setting depth less gas gradient to surface.

Intermediate

- Tension A 1.8 design factor with effects of buoyancy. 10.2 ppg
- Collapse A 1.125 design factor evacuated 1/3 TVD of next casing string with a collapse force equal to a 10.2 ppg mud gradient
- Burst A 1.125 design with a surface pressure equal to the fracture gradient at setting depth less gas gradient to surface.

Production

- Tension A 1.8 design factor with effects of buoyancy. 9.2 ppg
- Collapse A 1.125 design factor with full internal evacuation and a collapse force equal to a 9.2 ppg mud gradient
- Burst A 1.125 design with a surface pressure equal to the fracture gradient at setting depth less gas gradient to surface.

Drilling Plan
Lea South 25 Federal Com #11H
Nearburg Producing Co. Agent: Cimarex Energy Co.
UL: B, Sec. 25-20S-34E
Lea Co., NM

9 Cementing Program:

Surface	Sacks	Yield (cuft/sx)	Weight (ppg)	Cubic Feet	Cement Blend
Lead	1130	1.75	13.5	1979	Class C + Bentonite + Calcium Chloride + LCM, 8.829 gps water
Tail	240	1.34	14.8	309	Class C + LCM, 6.32 gps water
TOC: 0' 85% Excess Centralizers per Onshore Order 2.III.B.1f					

Intermediate	Sacks	Yield (cuft/sx)	Weight (ppg)	Cubic Feet	Cement Blend
Lead	1270	1.88	12.9	2387	35:65 (poz/C) + Salt + Bentonite + LCM + retarder , 9.65 gps water
Tail	300	1.34	14.8	392	Class C + retarder + LCM, 6.32 gps water
TOC: 0' 81% Excess					

Production	Sacks	Yield (cuft/sx)	Weight (ppg)	Cubic Feet	Cement Blend
Lead	461	2.4	11.9	1105	35:65 (poz/H) + salt + Sodium Metasilcate + Bentonite + Fluid Loss + Dispersant + LCM + Retarder, 13.8 gps water
Tail	1380	1.24	14.5	1711	50:50 (poz/H) + Bentonite + Salt + Fluid Loss + Dispersant + LCM + Retarder , 5.55 gps water

Cement volumes will be adjusted depending on hole size.

TOC: 5200' 25% Excess No centralizers planned in the lateral section. 1 every jt from EOC to KOP. 1 every 4th joint from KOP to 500' inside previous casing.

10 Pressure Control Equipment:

Exhibit "E-1". A BOP consisting of two rams with blind rams and pipe rams, and one annular preventer. Below the surface casing, a 2M system will be used. Below the intermediate casing, a 3M system will be used. See attachments for BOP and choke manifold diagrams. An accumulator that meets the requirements in Onshore Order #2 for the pressure rating of the BOP stack. A Rotating head may be installed as needed. A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

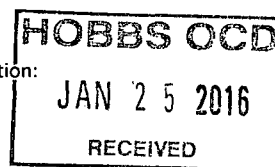
BOP and associated equipment will be installed, used, maintained, and tested in a manner necessary to assure well control and shall be in place and operational prior to drilling the surface casing shoe. The Annular Preventer shall be functioned at least weekly. The pipe and blind rams will be operated each trip. No abnormal pressure or temperature is expected while drilling.

BOPS will be tested by an independent service company. The ram preventers, choke manifold, and safety valves will be tested as follows: On the surface casing, pressure tests will be made to 250 psi low and 2000 psi high. On the intermediate casing, pressure tests will be made to 250 psi low and 3000 psi high.

The Annular Preventer will be tested to 250 psi low and 1000 psi high on the surface casing, and 250 low and 1500 high on the intermediate casing.

Cimarex Energy Co. of Colorado requests a variance to drill this well using a co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached (please see Exhibit F, F-1, F-2, F-3). The hose is not required by the manufacturer to be anchored. In the event the specific hose is not available, one of equal or higher rating will be used.

Application to Drill
Lea South 25 Federal Com #11H
Nearburg Producing Co. Agent: Cimarex Energy Co.
UL: B, Sec. 25-20S-34E
Lea Co., NM



In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

- 1 Location: SHL 330' FSL 1830' FEL
BHL 330' FNL 1680' FEL
- 2 Elevation above sea level: 3744' GR
- 3 Geologic name of surface formation: Quaternary Alluvium Deposits
- 4 Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
- 5 Proposed drilling depth: 14,218' MD 9,800' TVD
- 6 Estimated tops of geological markers:

Formation	Est. Top	Bearing
Rustler	1650	NA
Salt	1800	NA
Tansill	3400	NA
Yates	3645	NA
Capitan	3970	NA
Delaware	5700	Hydrocarbons
Bone Spring	8400	NA
Avalon Shale	8900	Hydrocarbons
1st BSS	9600	Hydrocarbons
2nd BSS	10150	NA
3rd Carbonate	10630	NA
3rd BSS	10925	NA
3rd BS "C" SS	11015	Hydrocarbons

- 7 Possible mineral bearing formation:
Shown above

7A OSE Ground Water estimated depth: 100'

- 8 Casing Program:

See COA

Casing Depth From (ft)	Casing Setting Depth (ft) MD	Casing Setting Depth (ft) TVD	Open Hole Size (inches)	Casing Size (inches)	Casing Weight (lb/ft)	Casing Grade	Thread	Condition	BHP (psig)	Anticipated Mud Weight (ppg)	Collapse SF (1.125)	Burst SF (1.125)	Cumulative Air Weight (lbs)	Cumulative Bouyed Weight (lbs)	Bouyant Tension SF (1.8)
Surface															
0'	1780'	1780'	17 1/2	13 3/8	54.5	J-55	ST&C	New	801	8.4	1.45	3.42	97,010	84,569	6.08
Intermediate															
0'	5700'	5700'	12 1/4	9 5/8	40	HCK-55	LT&C	New	2,565	10.2	1.40	1.54	228,000	192,495	3.61
Production															
0'	9323'	9323'	8 3/4	5 1/2	17	P-110	LT&C	New	2,254	9.2	1.68	4.72	166,600	143,200	3.11
9323'	14218'	9800'	8 3/4	5 1/2	17	P-110	BT&C	New	4,410	9.2	1.60	2.41	8,109	6,970	78.34

Casing Design Criteria and Casing Loading Assumptions:

Surface

Tension A 1.8 design factor with effects of buoyancy. 8.4 ppg
Collapse A 1.125 design factor with full internal evacuation and a collapse force equal to a 8.4 ppg mud gradient
Burst A 1.125 design with a surface pressure equal to the fracture gradient at setting depth less gas gradient to surface.

Intermediate

Tension A 1.8 design factor with effects of buoyancy. 10.2 ppg
Collapse A 1.125 design factor evacuated 1/3 TVD of next casing string with a collapse force equal to a 10.2 ppg mud gradient
Burst A 1.125 design with a surface pressure equal to the fracture gradient at setting depth less gas gradient to surface.

Production

Tension A 1.8 design factor with effects of buoyancy. 9.2 ppg
Collapse A 1.125 design factor with full internal evacuation and a collapse force equal to a 9.2 ppg mud gradient
Burst A 1.125 design with a surface pressure equal to the fracture gradient at setting depth less gas gradient to surface.

Drilling Plan

Lea South 25 Federal Com #11H

Nearburg Producing Co. Agent: Cimarex Energy Co.

UL: B, Sec. 25-20S-34E

Lea Co., NM

9 Cementing Program:

Surface	Sacks	Yield (cuft/sx)	Weight (ppg)	Cubic Feet	Cement Blend
Lead	1130	1.75	13.5	1979	Class C + Bentonite + Calcium Chloride + LCM, 8.829 gps water
Tail	240	1.34	14.8	309	Class C + LCM, 6.32 gps water
TOC: 0' 85% Excess Centralizers per Onshore Order 2.III.B.1f					

Intermediate	Sacks	Yield (cuft/sx)	Weight (ppg)	Cubic Feet	Cement Blend
Lead	1270	1.88	12.9	2387	35:65 (poz/C) + Salt + Bentonite + LCM + retarder , 9.65 gps water
Tail	300	1.34	14.8	392	Class C + retarder + LCM, 6.32 gps water
TOC: 0' 81% Excess					

Production	Sacks	Yield (cuft/sx)	Weight (ppg)	Cubic Feet	Cement Blend
Lead	461	2.4	11.9	1105	35:65 (poz/H) + salt + Sodium Metasilicate + Bentonite + Fluid Loss + Dispersant + LCM + Retarder, 13.8 gps water
Tail	1380	1.24	14.5	1711	50:50 (poz/H) + Bentonite + Salt + Fluid Loss + Dispersant + LCM + Retarder , 5.55 gps water

Cement volumes will be adjusted depending on hole size.

TOC: 5200' 25% Excess No centralizers planned in the lateral section. 1 every jt from EOC to KOP. 1 every 4th joint from KOP to 500' inside previous casing.

10 Pressure Control Equipment:

Exhibit "E-1". A BOP consisting of two rams with blind rams and pipe rams, and one annular preventer. Below the surface casing, a 2M system will be used. Below the intermediate casing, a 3M system will be used. See attachments for BOP and choke manifold diagrams. An accumulator that meets the requirements in Onshore Order #2 for the pressure rating of the BOP stack. A Rotating head may be installed as needed. A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

BOP and associated equipment will be installed, used, maintained, and tested in a manner necessary to assure well control and shall be in place and operational prior to drilling the surface casing shoe. The Annular Preventer shall be functioned at least weekly. The pipe and blind rams will be operated each trip. No abnormal pressure or temperature is expected while drilling.

BOPS will be tested by an independent service company. The ram preventers, choke manifold, and safety valves will be tested as follows: On the surface casing, pressure tests will be made to 250 psi low and 2000 psi high. On the intermediate casing, pressure tests will be made to 250 psi low and 3000 psi high.

The Annular Preventer will be tested to 250 psi low and 1000 psi high on the surface casing, and 250 low and 1500 high on the intermediate casing.

Cimarex Energy Co. of Colorado requests a variance to drill this well using a co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached (please see Exhibit F, F-1, F-2, F-3). The hose is not required by the manufacturer to be anchored. In the event the specific hose is not available, one of equal or higher rating will be used.

Application to Drill
Lea South 25 Federal Com #11H
Nearburg Producing Co. Agent: Cimarex Energy Co.
UL: B, Sec. 25-20S-34E
Lea Co., NM

See COA

11 Proposed Mud Circulating System:

Depth	Mud Wt	Visc	Fluid Loss	Type Mud
0' to 1780' 1850'	8.4	28	NC	FW Spud Mud
1780' to 5700'	10.2	30-32	NC	Brine water
5700' to 14218'	9.2	30-32	NC	FW/Cut Brine

Sufficient mud materials will be kept on location at all times in order to combat lost circulation or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs.

The Mud Monitoring System is an electronic Pason System satisfying requirements of Onshore Order 1.

12 Proposed Drilling Plan

Pilot Hole TD: No Pilot Hole

KOP: 9,323'

EOC: 10073'

Set Surface and Intermediate casing strings. Drill production hole to KOP. Continue drilling lateral through the curve to TD. Run prod casing & cement.

13 Testing, Logging and Coring Program:

- A. Mud logging program: 2 man unit from 5700' to TD
- B. Electric logging program: CNL / LDT / CAL / GR, DLL / GR -- Inter. Csg to TD
CNL / GR -- Surf to Inter. Csg
- C. No DSTs or cores are planned at this time.
- D. CBL w/ CCL from as far as gravity will let it fall to TOC

14 Potential Hazards:

See COA
No abnormal pressures or temperatures are expected. In accordance with Onshore Order 6, Cimarex does not anticipate that there will be enough H₂S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of an "H₂S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have an H₂S Safety package on all wells, attached is an "H₂S Drilling Operations Plan." Adequate flare lines will be installed off the mud / gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of equipment being used.

Estimated BHP

4410 psi

Estimated BHT

160°

15 Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved.

Drilling expected to take : **35 days**

If production casing is run an additional 30 days will be required to complete and construct surface facilities.

16 Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from TD over possible pay intervals.

Bone Spring pay will be perforated and stimulated.

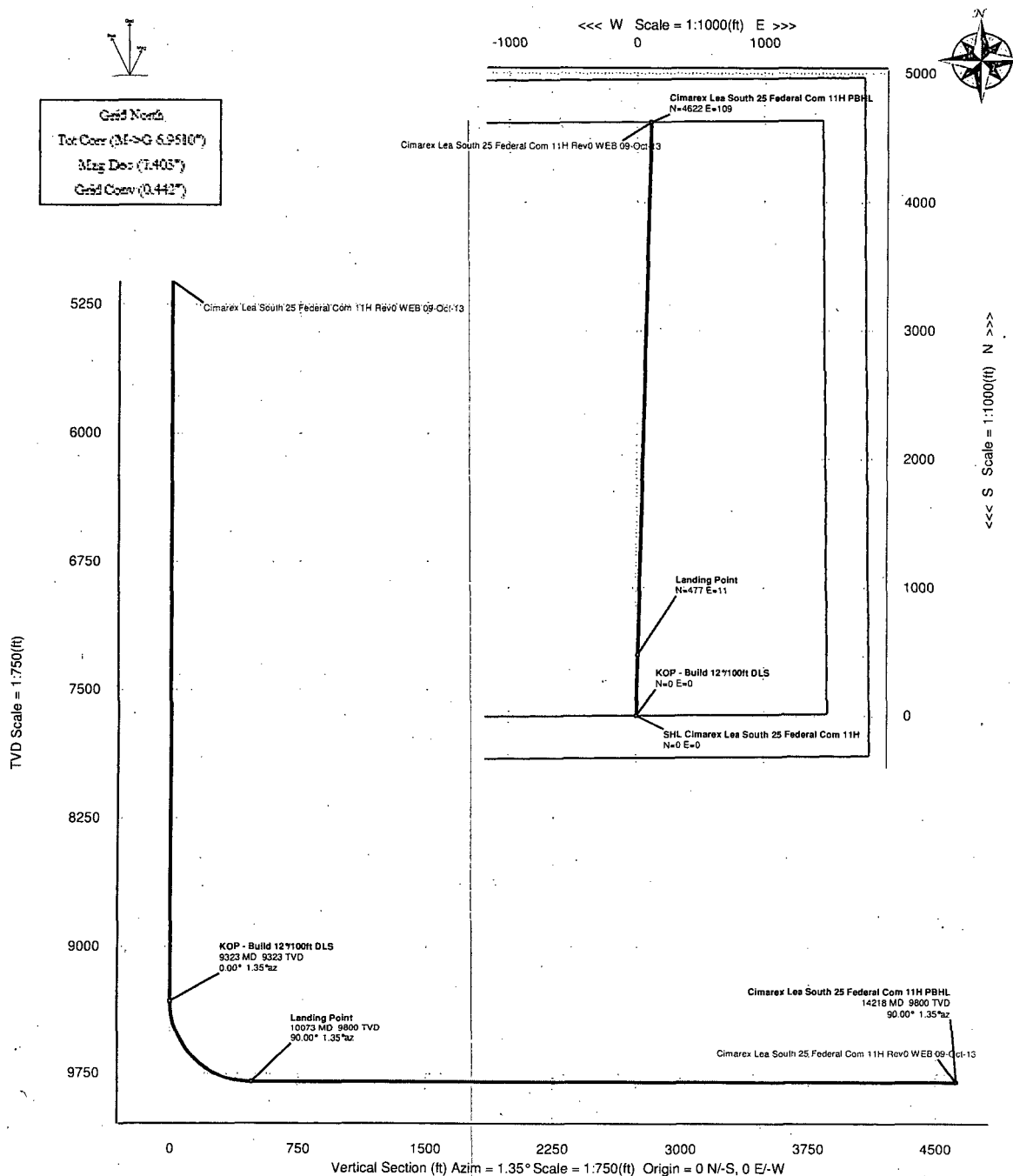
The proposed well will be tested and potentialized as **Oil**



Cimarex

PATHFINDER
A Schlumberger Company

WELL	Lea South 25 Federal Com 11H		FIELD	NM Lea County		STRUCTURE	TBD
Magnetic Parameters	Model: BGGW 2013	Dr: 60.421°	Date: October 09, 2013	Surface Location	Lat: N 32 32 15.924	Long: W 103 30 29.978	Northings: 560344.50 NUS
	Mag Dec: 7.403°		FS: 45266.907				Eastings: 784723.30 NUS
							Grid Conv: 0.442°
							Scale Fact: 0.99996292
Miscellaneous	Site: Cimarex Lea South 25 Federal Com 11H	Ground level: 3744ft above MSL	Plan: Rev'd WEB 09-Oct-13	Rev Date: October 09, 2013			



Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+) / S(-)	E(+) / W(-)	DLS
SHL Cimarex Lea South 25 Federal Com 11H	0.00	0.00	1.35	0.00	0.00	0.00	0.00	
KOP - Build 12 1/4 inch DLS	9322.50	0.00	1.35	9322.50	0.00	0.00	0.00	0.00
Landing Point	10072.56	90.00	1.35	9800.00	477.50	477.37	11.25	12.00
Cimarex Lea South 25 Federal Com 11H PBHL	14218.23	90.00	1.35	9800.00	4623.17	4621.89	109.00	0.00



Cimarex Lea South 25 Federal Com 11H Rev0 WEB 09-Oct-13 Proposal
Report 100' Interpolated
(Non-Def Plan)



A Schlumberger Company

Report Date: October 09, 2013 - 12:38 PM
Client: Cimarex
Field: NM Lea County (NAD 83)
Structure / Slot: TBD / Cimarex Lea South 25 Federal Com 11H
Well: Cimarex Lea South 25 Federal Com 11H
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Lea South 25 Federal Com 11H Rev0 WEB 09-Oct-13
Survey Date: October 09, 2013
Tort / AHD / DDI / ERD Ratio: 90.002 / 4623.175 ft / 5.781 / 0.472
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 32' 15.92413" W 103° 30' 39.97845"
Location Grid N/E Y/X: N 560344.500 RUS E 794723.300 RUS
CRS Grid Convergence Angle: 0.4423°
Grid Scale Factor: 0.99998262

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 1.351° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: Ground level
TVD Reference Elevation: 3744.000 ft above MSL
Seabed / Ground Elevation: 3744.000 ft above MSL
Magnetic Declination: 7.403°
Total Gravity Field Strength: 998.4808mgm (9.80665 Based)
Total Magnetic Field Strength: 48566.839 nT
Magnetic Dip Angle: 60.421°
Declination Date: October 09, 2013
Magnetic Declination Model: BGM 2013
North Reference: Grid North
Grid Convergence Used: 0.4423°
Total Corr Mag North->Grid North: 6.9610°

Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Nothing (ftUS)	Easting (ftUS)	Latitude (N/S ° ° °)	Longitude (E/W ° ° °)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
SHL Cimarex Lea South 25 Federal Com 11H	0.00	0.00	1.35	0.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	N/A
	100.00	0.00	1.35	100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	200.00	0.00	1.35	200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	300.00	0.00	1.35	300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	400.00	0.00	1.35	400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	500.00	0.00	1.35	500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	600.00	0.00	1.35	600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	700.00	0.00	1.35	700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	800.00	0.00	1.35	800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	900.00	0.00	1.35	900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1000.00	0.00	1.35	1000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1100.00	0.00	1.35	1100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1200.00	0.00	1.35	1200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1300.00	0.00	1.35	1300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1400.00	0.00	1.35	1400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1500.00	0.00	1.35	1500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1600.00	0.00	1.35	1600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1700.00	0.00	1.35	1700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1800.00	0.00	1.35	1800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	1900.00	0.00	1.35	1900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2000.00	0.00	1.35	2000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2100.00	0.00	1.35	2100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2200.00	0.00	1.35	2200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2300.00	0.00	1.35	2300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2400.00	0.00	1.35	2400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2500.00	0.00	1.35	2500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2600.00	0.00	1.35	2600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	2700.00	0.00	1.35	2700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00

Comments	MD (m)	Incl (°)	Azim Grid (°)	TYD (m)	VSEC (m)	NS (m)	EW (m)	Northing (mUS)	Easting (mUS)	Latitude (N/S+°)	Longitude (E/W+°)	Closure (ft)	Closure Azimuth (°)	DLS (1/100ft)	
	2800.00	0.00	1.35	2800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	2900.00	0.00	1.35	2900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3000.00	0.00	1.35	3000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3100.00	0.00	1.35	3100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3200.00	0.00	1.35	3200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3300.00	0.00	1.35	3300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3400.00	0.00	1.35	3400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3500.00	0.00	1.35	3500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3600.00	0.00	1.35	3600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3700.00	0.00	1.35	3700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3800.00	0.00	1.35	3800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	3900.00	0.00	1.35	3900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4000.00	0.00	1.35	4000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4100.00	0.00	1.35	4100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4200.00	0.00	1.35	4200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4300.00	0.00	1.35	4300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4400.00	0.00	1.35	4400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4500.00	0.00	1.35	4500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4600.00	0.00	1.35	4600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4700.00	0.00	1.35	4700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4800.00	0.00	1.35	4800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	4900.00	0.00	1.35	4900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5000.00	0.00	1.35	5000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5100.00	0.00	1.35	5100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5200.00	0.00	1.35	5200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5300.00	0.00	1.35	5300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5400.00	0.00	1.35	5400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5500.00	0.00	1.35	5500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5600.00	0.00	1.35	5600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5700.00	0.00	1.35	5700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5800.00	0.00	1.35	5800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	5900.00	0.00	1.35	5900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6000.00	0.00	1.35	6000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6100.00	0.00	1.35	6100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6200.00	0.00	1.35	6200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6300.00	0.00	1.35	6300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6400.00	0.00	1.35	6400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6500.00	0.00	1.35	6500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6600.00	0.00	1.35	6600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6700.00	0.00	1.35	6700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6800.00	0.00	1.35	6800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	6900.00	0.00	1.35	6900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7000.00	0.00	1.35	7000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7100.00	0.00	1.35	7100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7200.00	0.00	1.35	7200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7300.00	0.00	1.35	7300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7400.00	0.00	1.35	7400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7500.00	0.00	1.35	7500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7600.00	0.00	1.35	7600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7700.00	0.00	1.35	7700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7800.00	0.00	1.35	7800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	7900.00	0.00	1.35	7900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	8000.00	0.00	1.35	8000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	8100.00	0.00	1.35	8100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	
	8200.00	0.00	1.35	8200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S...)	Longitude (E/W...)	Closure (ft)	Closure Azimuth (°)	DLS (ft/100ft)
	8300.00	0.00	1.35	8300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	8400.00	0.00	1.35	8400.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	8500.00	0.00	1.35	8500.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	8600.00	0.00	1.35	8600.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	8700.00	0.00	1.35	8700.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	8800.00	0.00	1.35	8800.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	8900.00	0.00	1.35	8900.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	9000.00	0.00	1.35	9000.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	9100.00	0.00	1.35	9100.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	9200.00	0.00	1.35	9200.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	9300.00	0.00	1.35	9300.00	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
KOP - Build 127100ft DLS	9322.50	0.00	1.35	9322.50	0.00	0.00	0.00	560344.50	794723.30	N 32 32 15.92	W 103 30 39.98	0.00	0.00	0.00
	9400.00	9.30	1.35	9399.66	6.28	6.27	0.15	560350.77	794723.45	N 32 32 15.99	W 103 30 39.98	6.28	135	12.00
	9500.00	21.30	1.35	9495.94	32.61	32.60	0.77	560377.10	794724.07	N 32 32 16.25	W 103 30 39.97	32.61	135	12.00
	9600.00	33.30	1.35	9584.64	78.39	78.37	1.85	560422.87	794725.15	N 32 32 16.70	W 103 30 39.95	78.39	135	12.00
	9700.00	45.30	1.35	9661.89	141.61	141.57	3.34	560466.07	794726.64	N 32 32 17.32	W 103 30 39.93	141.61	135	12.00
	9800.00	57.30	1.35	9724.30	219.51	219.44	5.17	560563.94	794728.47	N 32 32 18.10	W 103 30 39.90	219.51	135	12.00
	9900.00	69.29	1.35	9769.16	308.68	308.59	7.27	560653.08	794730.57	N 32 32 18.98	W 103 30 39.87	308.68	135	12.00
	10000.00	81.29	1.35	9794.50	405.22	405.11	9.55	560769.60	794732.85	N 32 32 19.93	W 103 30 39.83	405.22	135	12.00
Landing Point	10072.56	90.00	1.35	9800.00	477.50	477.37	11.25	560821.86	794734.55	N 32 32 20.65	W 103 30 39.80	477.50	135	12.00
	10100.00	90.00	1.35	9800.00	504.94	504.80	11.90	560849.29	794735.20	N 32 32 20.92	W 103 30 39.79	504.94	135	12.00
	10200.00	90.00	1.35	9800.00	604.94	604.78	14.25	560949.27	794737.55	N 32 32 21.91	W 103 30 39.76	604.94	135	12.00
	10300.00	90.00	1.35	9800.00	704.94	704.75	16.61	561049.24	794739.91	N 32 32 22.90	W 103 30 39.72	704.94	135	12.00
	10400.00	90.00	1.35	9800.00	804.94	804.72	18.96	561149.21	794742.26	N 32 32 23.88	W 103 30 39.68	804.94	135	12.00
	10500.00	90.00	1.35	9800.00	904.94	904.69	21.32	561249.18	794744.62	N 32 32 24.87	W 103 30 39.65	904.94	135	12.00
	10600.00	90.00	1.35	9800.00	1004.94	1004.67	23.68	561349.15	794746.98	N 32 32 25.86	W 103 30 39.61	1004.94	135	12.00
	10700.00	90.00	1.35	9800.00	1104.94	1104.64	26.03	561449.12	794749.33	N 32 32 26.85	W 103 30 39.57	1104.94	135	12.00
	10800.00	90.00	1.35	9800.00	1204.94	1204.61	28.39	561549.09	794751.69	N 32 32 27.84	W 103 30 39.54	1204.94	135	12.00
	10900.00	90.00	1.35	9800.00	1304.94	1304.58	30.75	561649.06	794754.05	N 32 32 28.83	W 103 30 39.50	1304.94	135	12.00
	11000.00	90.00	1.35	9800.00	1404.94	1404.55	33.10	561749.03	794756.40	N 32 32 29.82	W 103 30 39.47	1404.94	135	12.00
	11100.00	90.00	1.35	9800.00	1504.94	1504.53	35.46	561849.00	794758.76	N 32 32 30.81	W 103 30 39.43	1504.94	135	12.00
	11200.00	90.00	1.35	9800.00	1604.94	1604.50	37.82	561948.97	794761.12	N 32 32 31.80	W 103 30 39.39	1604.94	135	12.00
	11300.00	90.00	1.35	9800.00	1704.94	1704.47	40.18	562048.94	794763.47	N 32 32 32.79	W 103 30 39.36	1704.94	135	12.00
	11400.00	90.00	1.35	9800.00	1804.94	1804.44	42.53	562148.91	794765.83	N 32 32 33.77	W 103 30 39.32	1804.94	135	12.00
	11500.00	90.00	1.35	9800.00	1904.94	1904.42	44.89	562248.88	794768.19	N 32 32 34.76	W 103 30 39.28	1904.94	135	12.00
	11600.00	90.00	1.35	9800.00	2004.94	2004.39	47.25	562348.85	794770.55	N 32 32 35.75	W 103 30 39.25	2004.94	135	12.00
	11700.00	90.00	1.35	9800.00	2104.94	2104.36	49.60	562448.82	794772.90	N 32 32 36.74	W 103 30 39.21	2104.94	135	12.00
	11800.00	90.00	1.35	9800.00	2204.94	2204.33	51.96	562548.79	794775.26	N 32 32 37.73	W 103 30 39.17	2204.94	135	12.00
	11900.00	90.00	1.35	9800.00	2304.94	2304.30	54.32	562648.76	794777.62	N 32 32 38.72	W 103 30 39.14	2304.94	135	12.00
	12000.00	90.00	1.35	9800.00	2404.94	2404.28	56.68	562748.73	794779.98	N 32 32 39.71	W 103 30 39.10	2404.94	135	12.00
	12100.00	90.00	1.35	9800.00	2504.94	2504.25	59.04	562848.70	794782.33	N 32 32 40.70	W 103 30 39.06	2504.94	135	12.00
	12200.00	90.00	1.35	9800.00	2604.94	2604.22	61.39	562948.67	794784.69	N 32 32 41.69	W 103 30 39.03	2604.94	135	12.00
	12300.00	90.00	1.35	9800.00	2704.94	2704.19	63.75	563048.64	794787.05	N 32 32 42.68	W 103 30 38.99	2704.94	135	12.00
	12400.00	90.00	1.35	9800.00	2804.94	2804.17	66.11	563148.61	794789.41	N 32 32 43.66	W 103 30 38.95	2804.94	135	12.00
	12500.00	90.00	1.35	9800.00	2904.94	2904.14	68.47	563248.58	794791.77	N 32 32 44.65	W 103 30 38.92	2904.94	135	12.00
	12600.00	90.00	1.35	9800.00	3004.94	3004.11	70.83	563348.55	794794.12	N 32 32 45.64	W 103 30 38.88	3004.94	135	12.00
	12700.00	90.00	1.35	9800.00	3104.94	3104.08	73.18	563448.52	794796.48	N 32 32 46.63	W 103 30 38.84	3104.94	135	12.00
	12800.00	90.00	1.35	9800.00	3204.94	3204.05	75.54	563548.49	794798.84	N 32 32 47.62	W 103 30 38.81	3204.94	135	12.00
	12900.00	90.00	1.35	9800.00	3304.94	3304.03	77.90	563648.46	794801.20	N 32 32 48.61	W 103 30 38.77	3304.94	135	12.00
	13000.00	90.00	1.35	9800.00	3404.94	3404.00	80.26	563748.43	794803.56	N 32 32 49.60	W 103 30 38.73	3404.94	135	12.00
	13100.00	90.00	1.35	9800.00	3504.94	3503.97	82.62	563848.40	794805.92	N 32 32 50.59	W 103 30 38.70	3504.94	135	12.00
	13200.00	90.00	1.35	9800.00	3604.94	3603.94	84.98	563948.37	794808.28	N 32 32 51.58	W 103 30 38.66	3604.94	135	12.00
	13300.00	90.00	1.35	9800.00	3704.94	3703.92	87.34	564048.34	794810.64	N 32 32 52.57	W 103 30 38.62	3704.94	135	12.00
	13400.00	90.00	1.35	9800.00	3804.94	3803.89	89.70	564148.31	794812.99	N 32 32 53.55	W 103 30 38.59	3804.94	135	12.00

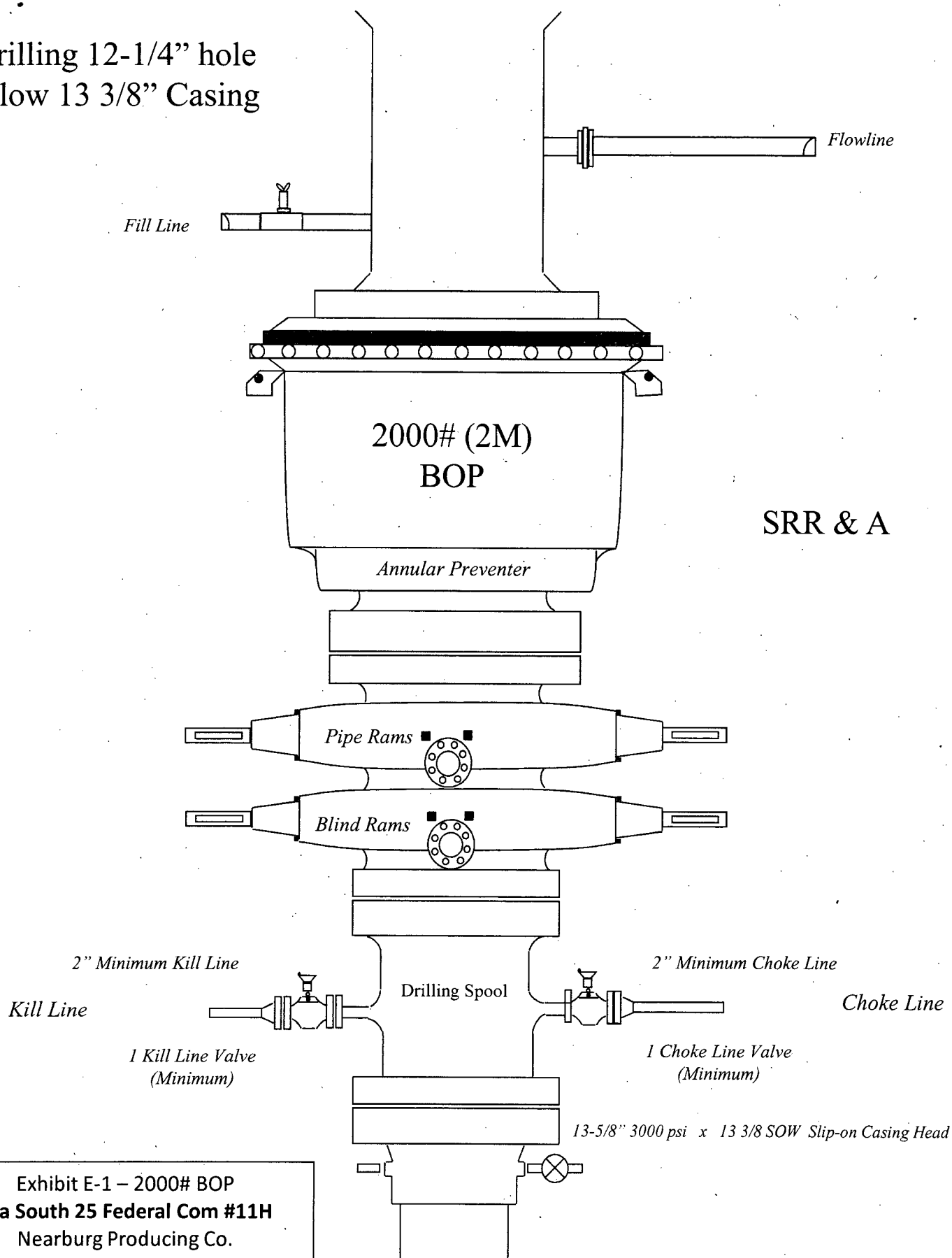
Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Eastng (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')	Closure (ft)	Closure Azimuth (°)	DLS ("/100ft)
	13500.00	90.00	1.35	9800.00	3904.94	3903.86	92.06	564248.28	794815.35	N 32 32 54.54	W 103 30 38.55	3904.94	1.35	0.00
	13600.00	90.00	1.35	9800.00	4004.94	4003.83	94.41	564348.25	794817.71	N 32 32 55.53	W 103 30 38.51	4004.94	1.35	0.00
	13700.00	90.00	1.35	9800.00	4104.94	4103.80	96.77	564448.22	794820.07	N 32 32 56.52	W 103 30 38.48	4104.94	1.35	0.00
	13800.00	90.00	1.35	9800.00	4204.94	4203.78	99.13	564548.19	794822.43	N 32 32 57.51	W 103 30 38.44	4204.94	1.35	0.00
	13900.00	90.00	1.35	9800.00	4304.94	4303.75	101.49	564648.16	794824.79	N 32 32 58.50	W 103 30 38.40	4304.94	1.35	0.00
	14000.00	90.00	1.35	9800.00	4404.94	4403.72	103.85	564748.14	794827.15	N 32 32 59.49	W 103 30 38.37	4404.94	1.35	0.00
	14100.00	90.00	1.35	9800.00	4504.94	4503.69	106.21	564848.11	794829.51	N 32 33 0.48	W 103 30 38.33	4504.94	1.35	0.00
	14200.00	90.00	1.35	9800.00	4604.94	4603.66	108.57	564948.08	794831.87	N 32 33 1.47	W 103 30 38.29	4604.94	1.35	0.00
Cimarex Lea South 25 Federal Com 11H PBHL	14218.23	90.00	1.35	9800.00	4623.17	4621.89	109.00	564966.30	794832.30	N 32 33 1.65	W 103 30 38.29	4623.17	1.35	0.00

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 ** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	9325.000	1/100.000	30.000	30.000	SLB_MWD-POOR	Original Hole / Cimarex Lea South
	9325.000	14218.230	1/100.000	30.000	30.000	SLB_MWD-STD	25 Federal Com 11H Rev0 WEB Original Hole / Cimarex Lea South 25 Federal Com 11H Rev0 WEB

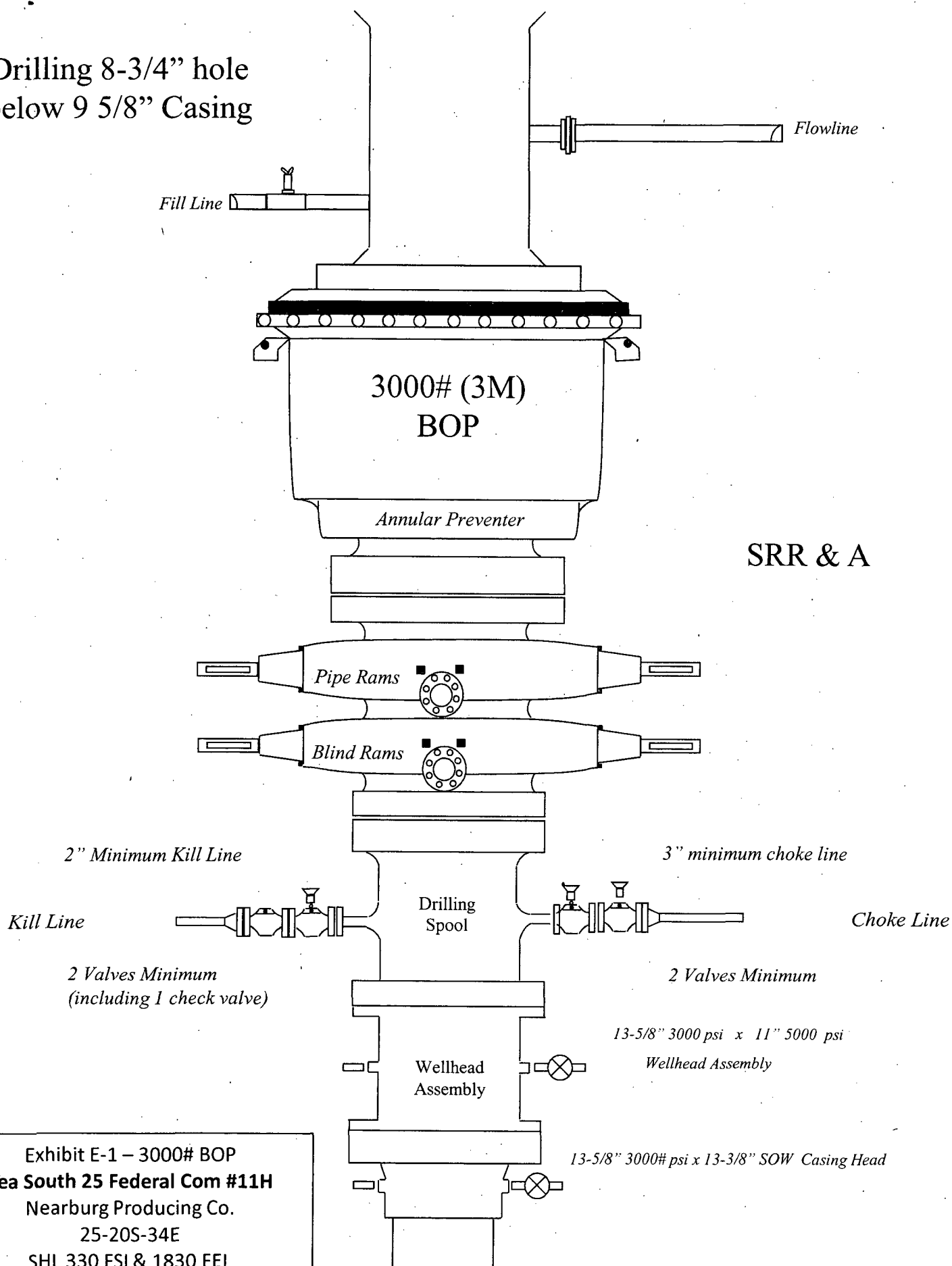
Drilling 12-1/4" hole
below 13 3/8" Casing



SRR & A

Exhibit E-1 – 2000# BOP
Lea South 25 Federal Com #11H
Nearburg Producing Co.
25-20S-34E
SHL 330 FSL & 1830 FEL
BHL 330 FNL & 1680 FEL
Lea County, NM

Drilling 8-3/4" hole
below 9 5/8" Casing



SRR & A

Exhibit E-1 – 3000# BOP
Lea South 25 Federal Com #11H
Nearburg Producing Co.
25-20S-34E
SHL 330 FSL & 1830 FEL
BHL 330 FNL & 1680 FEL
Lea County, NM

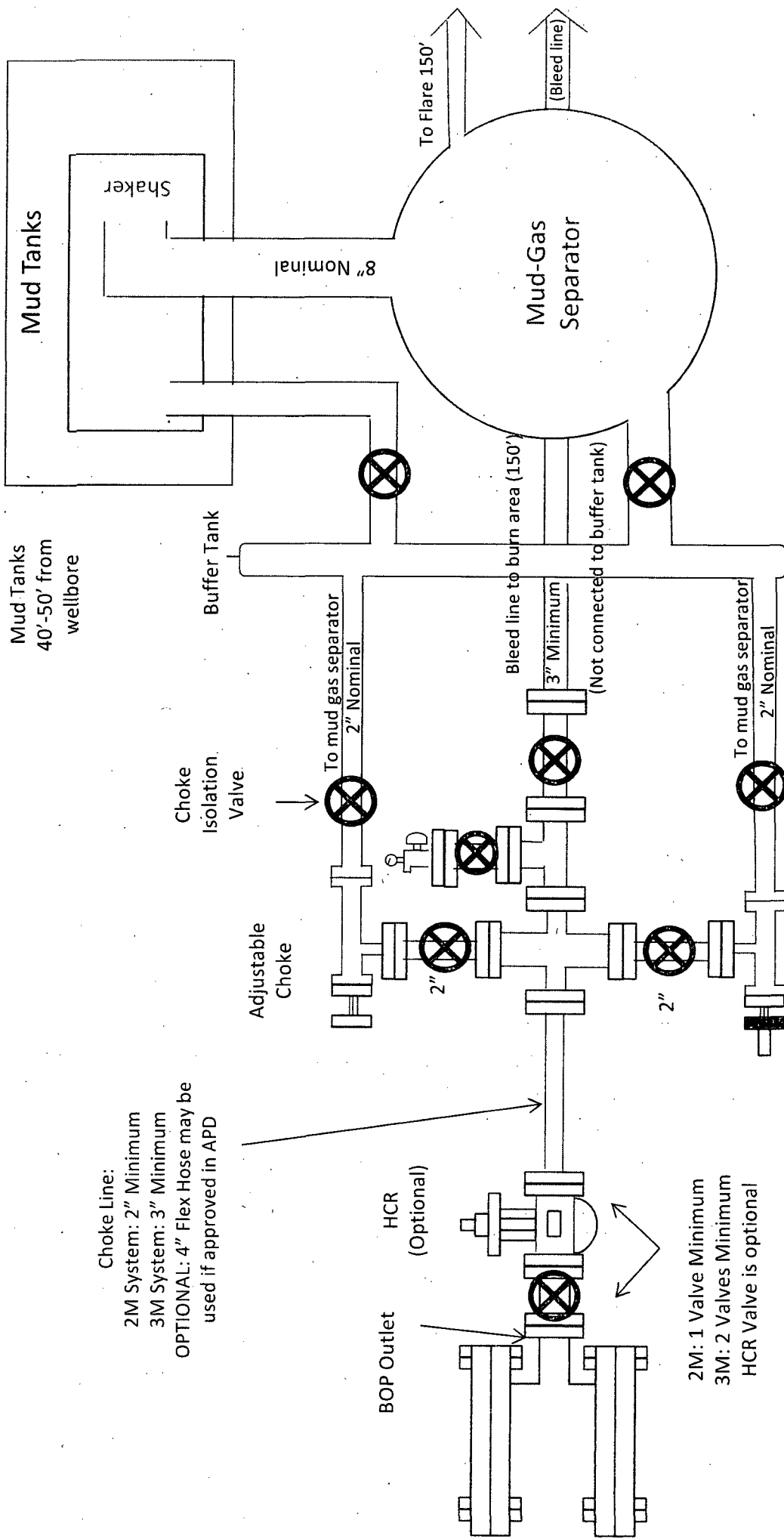


Exhibit E-1 – Choke Manifold Diagram
Lea South 25 Federal Com #11H
 Nearburg Producing Co.
 25-20S-34E
 SHL 330 FSL& 1830 FEL
 BHL 330 FNL & 1680 FEL
 Lea County, NM

Drilling Operations
Choke Manifold
2M/3M Service