

SEP 21 2012

Form 3160-3
(August 2007)

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5 Lease Serial No. NMLC 062170-A	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator SandRidge Expl. & Prod., LLC <i><270265></i>		7 If Unit or CA Agreement, Name and No.	
3a. Address 123 Robert S. Kerr Ave. Oklahoma City, OK 73102		8. Lease Name and Well No. <i><309251></i> Parcell Federal #6	
3b. Phone No. (include area code) 405-429-6518		9. API Well No. 30-025- <i>40774</i>	
4 Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1375' FSL & 1375' FEL <i>Unit 5</i> At proposed prod. zone 900' FSL & 2310' FEL <i>Unit 8</i>		10 Field and Pool, or Exploratory Wantz; Abo <i><62700></i>	
14 Distance in miles and direction from nearest town or post office* Approximately 5 miles NE of Eunice, NM		11 Sec, T R. M. or Bik. and Survey or Area Sec 8 T21S R38E	
15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig unit line, if any) 1265'		12 County or Parish Lea	
16 No. of acres in lease 170.69		13 State NM	
17 Spacing Unit dedicated to this well 40 ac		UNORTHODOX LOCATION	
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft 120'			
21. Elevations (Show whether DF, KDB, RT, GL, etc) 3564' GL		22 Approximate date work will start* 09/01/2012	
		23. Estimated duration 15 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No 1, must 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 must be filed with the appropriate Forest Service Office) | 6. Such other site specific information and/or plans as may be required by the BLM. |

25 Signature <i>Spence Laird</i>	Name (Printed/Typed) Spence Laird	Date 07/20/2012
Title Regulatory Analyst		
Approved by (Signature) <i>/s/ Don Peterson</i>	Name (Printed/Typed) <i>/s/ Don Peterson</i>	Date SEP 18 2012
Title <i>Asst</i> 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.

APPROVAL FOR TWO YEARS

Title 18 USC. Section 1001 and Title 43 USC. 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

Ka 09/25/12

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to General Requirements
& Special Stipulations Attached

SEP 25 2012

DRILLING PROGRAM

SandRidge Exploration and Production, LLC

Parcell Federal #6

Surface Location: 1375' FSL, 1375' FEL, Unit J, Sec 8, T21S R38E, Lea County, New Mexico
Bottom Hole Location: 990' FSL, 2310' FEL, Unit O, Sec 8, T21S R38E, Lea County, New Mexico

1. Geologic Name of Surface Formation:

Quaternary

2. Estimated KB Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

a. Ogallala	100'	Water
b. Rustler	1613'	Barren
c. Top of Salt	1678'	Barren
d. Base of Salt	2812'	Barren
e. Tansil	2813'	Barren
f. Yates	2936'	Oil/Gas
g. Seven Rivers	3168'	Barren
h. Queen	3533'	Barren
i. Grayburg	4135'	Oil
j. San Andres	4304'	Oil
k. Glorieta	5635'	Oil
l. Paddock	5675'	Barren
m. Blinebry	6103'	Oil
n. Tubb	6613'	Oil
o. Drinkard	6823'	Oil
p. Abo	7263'	Oil
q. Total Depth	8100' TVD	
	8190' MD	

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 8-5/8" casing @ 1648' and circulating cement back to the surface. The Abo intervals will be isolated by setting 5-1/2" casing to total depth and circulating cement to the surface.

3. Casing Program:

<u>Hole Size</u>	<u>Hole Interval</u>	<u>OD Csg</u>	<u>Casing Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>	<u>N/U</u>
17	0-80'	14	0-80'	50#			
12 -1/4"	80-1648'	8-5/8"	0-1648'	24#	STC	J-55	New
7-7/8"	1648-8190'	5-1/2"	0-8190'	17#	LTC	L-80	New

Design Parameter Factors:

Casing Size Collapse Design Factor Burst Design Factor Tension Design Factor

8-5/8"	1.78	3.82	6.17
5-1/2"	1.49	1.84	2.45

Casing load assumptions for new 8-5/8" J-55 24# casing:

Collapse: Fluid inside casing is evacuated. A full column of 9 ppg fluid is present in the annulus.
 Burst: Fluid in the annulus is evacuated and a full column of 9 ppg fluid is present in the casing.
 Tension: All fluid inside wellbore is evacuated

Casing load assumptions for new 5 1/2" L-80 17# casing:

Collapse: Fluid inside casing is evacuated. A full column of 10 ppg fluid is present in the annulus.
 Burst: Surface treating pressures will not exceed 4200 psi exposure to the casing.
 Tension: All fluid inside wellbore is evacuated

4. Cement Program:

a. 14" Conductor

Ready-mix concrete

b. 8-5/8" Surface

Lead: 535 sacks (100% excess) Class C (65:35) Poz Cement ECONOCEM™ System +3% lbm/sk Poly-E-Flake, 12.8 ppg, Yield: 1.86 ft³/sk, Mixing Fluid: 9.94 gal/sk.

Tail: 270 sacks (100% excess) Class C Cement Halcem™ System+ 2% Calcium Chloride+ 0.125 lbm/sk Poly-E-Flake, 14.8 ppg, Yield:1.35 ft³/sk, Mixing Fluid 6.37 gal/sk. **TOC @ surface.**

c. 5 1/2" Production

Lead: 400 sacks (25% excess) Class H (50:50) Poz EXTENDACEM™ System + 5 #/sk Gilsonite, 12.2 ppg, Yield 2.26 ft³/sk, Mixing fluid:12.07 gal/sk.

Tail: 710 sacks (25% excess) Class H (50:50) Poz Versacem™ System + 0.3% Halad®-9 + 3% Salt + 5 lbm/sk Gilsonite, 14.4 ppg, Yield: 1.25 ft³/sk, Mixing fluid: 5.06 gal/sk. **TOC @ surface.**

Final volumes will be determined using caliper log and 25% excess.

5. Pressure Control Equipment:

BOP DESIGN: The BOP system used to drill the production hole will consist of an 11" 3M Double Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the surface casing shoe.

The pipe rams will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These tests will be logged into the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a Kelly cock, floor safety valve, choke lines, and choke manifold rated at 3000 psi WP.

See
COA

6. MUD PROGRAM SUMMARY:

DEPTH (TVD)	HOLE SIZE	CASING SIZE	MUD WT. (ppg)	VISCOSITY (cp)	FLUID LOSS (cc)
0 – 1,648'	12-1/4"	8-5/8"	8.6 – 9.4 FW	31 – 33	NC
1,648' – 4,100'	7-7/8"	5-1/2"	10.0 Brine	28 – 29	NC
4,100' – 6,300'	7-7/8"	5-1/2"	10.0 Brine	30 – 31	15 – 10
6,300' – 8,100'	7-7/8"	5-1/2"	10.0 Brine	32 – 38	10 – 6

7. Auxiliary Well Control and Monitoring Equipment:

- a. A Kelly cock will be in the drill string at all times.
- b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- c. Hydrogen Sulfide detection equipment will be in operation prior to spud and throughout the entire drilling process until total depth is reached. Breathing equipment will be on location prior to spud and until total depth is reached.

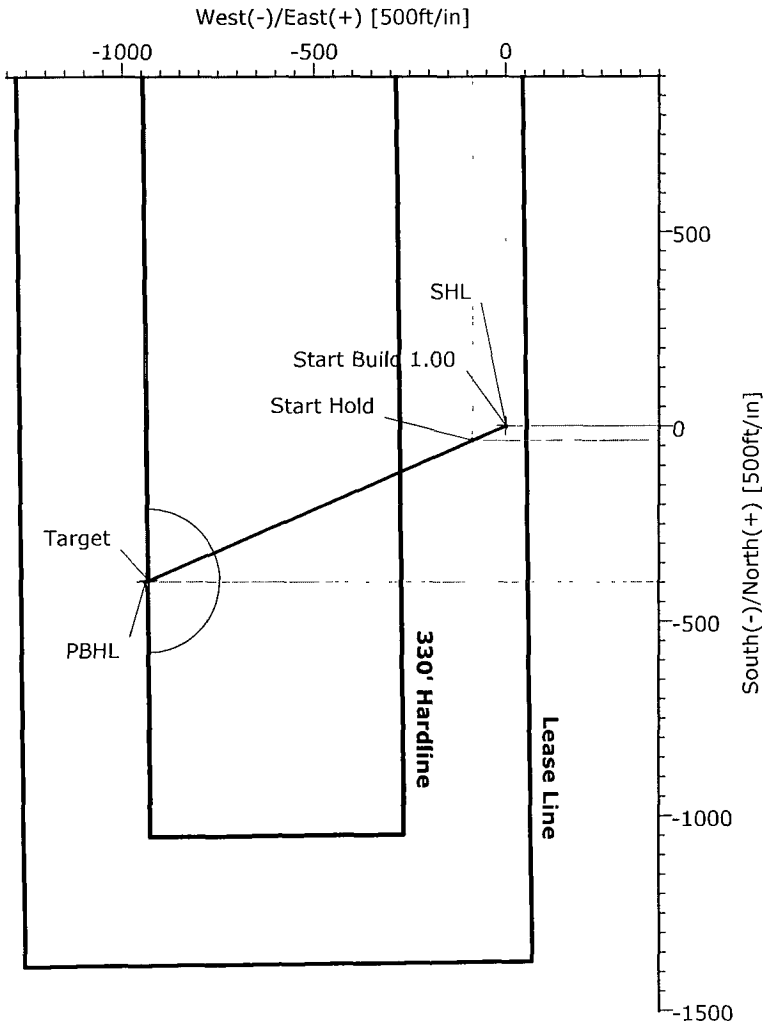
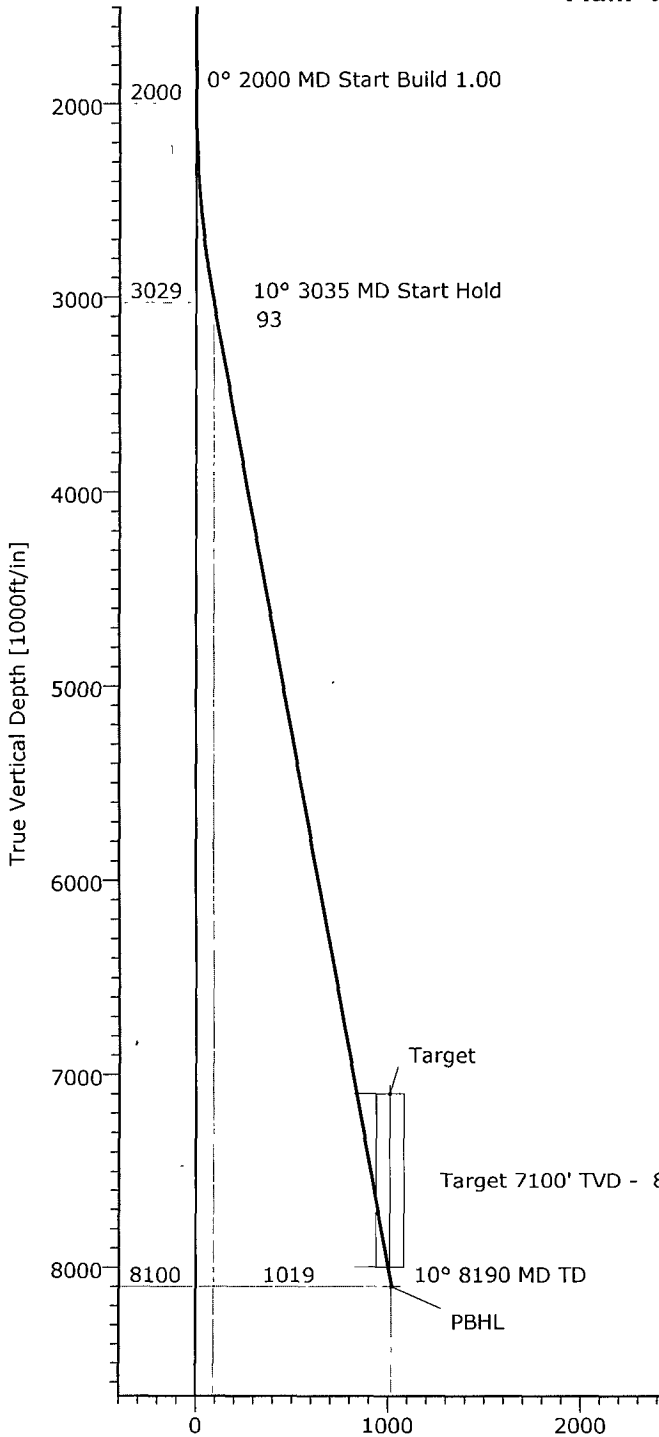
- 8. Logging, Coring, and Testing Program:** *See COA*
Gamma Ray / Neutron – Surface to TD (8190' MD)
Spectral Gamma Ray, Density / Resistivity – Surface casing to TD (8190' MD)

9. Potential Hazards:

No abnormal pressures or temperatures are expected. If H₂S is encountered, the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 4212 psi and estimated BHT 149 degrees. H₂S monitoring equipment will be on location 24/7 during drilling operations.

10. Anticipated Starting Date and Duration of Operations:

- a. Location construction will begin after the BLM and NMOCD have approved the APD. Anticipated spud date will be as soon after approval as rig is available. Move in operations and drilling is expected to take 15 days.
- b. If production casing is run, an additional 30 days will be required to complete well and construct surface facilities and/or lay flow lines in order to place the well on production.



Azimuths to Grid North
True North: -0.67°
Magnetic North: 6.59°

Magnetic Field
Strength: 48769nT
Dip Angle: 60.50°
Date: 2012/04/26
Model: IGRF2010

Vertical Section at 246.91° [1000ft/in]

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SHL	0.00	0.00	0.00	544232.20	887133.10	32°29'23.789N	103°04'40.139W	Point
Target	7100.00	-396.60	-930.40	543835.60	886202.70	32°29'19.973N	103°04'51.053W	Ellipse (185x185)
PBHL	8100.00	-399.72	-937.72	543832.48	886195.38	32°29'19.943N	103°04'51.139W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	246.91	0.00	0.00	0.00	0.00	0.00	0.00	
2	2000.00	0.00	246.91	2000.00	0.00	0.00	0.00	0.00	0.00	
3	3035.08	10.35	246.91	3029.46	-36.56	-85.77	1.00	246.91	93.24	
4	8189.50	10.35	246.91	8100.00	-399.72	-937.72	0.00	0.00	1019.36	PBHL

Precision Directional Services, Inc

Planning Report

Company: SANDRIDGE ENERGY	Date: 2012/05/14	Time: 11:37:33	Page: 1
Field: Lea County NME Nad 27	Co-ordinate(NE) Reference: Well: #6, Grid North		
Site: Parcell Federal #6	Vertical (TVD) Reference: 3564' GL + 13' KB 3577.0		
Well: #6	Section (VS) Reference: Well (0.00N,0.00E,246.91Azi)		
Wellpath: Original Hole	Plan: Plan #2		

Field: Lea County NME Nad 27 Lea County, New Mexico	Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre	Geomagnetic Model: IGRF2010
Sys Datum: Mean Sea Level		

Site: Parcell Federal #6 Section 8, Township 21-S, Range 38-E Lea County, New Mexico			
Site Position:	Northing: 544232.20 ft	Latitude: 32 29 23.789 N	
From: Map	Easting: 887133.10 ft	Longitude: 103 4 40.139 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3564.00 ft		Grid Convergence: 0.67 deg	

Well: #6	Slot Name:
Well Position:	
+N/-S 0.00 ft	Northing: 544232.20 ft
+E/-W 0.00 ft	Easting: 887133.10 ft
Position Uncertainty: 0.00 ft	Latitude: 32 29 23.789 N
	Longitude: 103 4 40.139 W

Wellpath: Original Hole	Drilled From: Surface
Current Datum: 3564' GL + 13' KB	Tie-on Depth: 0.00 ft
Magnetic Data: 2012/04/26	Above System Datum: Mean Sea Level
Field Strength: 48769 nT	Declination: 7.27 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.50 deg
ft	+N/-S
	ft
0.00	ft
	+E/-W
	ft
	Direction
	deg
	0.00
	246.91

Plan: Plan #2	Date Composed: 2012/05/14
Principal: No	Version: 1
	Tied-to: From Surface

Plan Section Information										
MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	246.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	246.91	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3035.08	10.35	246.91	3029.46	-36.56	-85.77	1.00	1.00	0.00	246.91	
8189.50	10.35	246.91	8100.00	-399.72	-937.72	0.00	0.00	0.00	0.00	PBHL

Survey										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
2000.00	0.00	246.91	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2100.00	1.00	246.91	2099.99	-0.34	-0.80	0.87	1.00	1.00	0.00	
2200.00	2.00	246.91	2199.96	-1.37	-3.21	3.49	1.00	1.00	0.00	
2300.00	3.00	246.91	2299.86	-3.08	-7.22	7.85	1.00	1.00	0.00	
2400.00	4.00	246.91	2399.68	-5.47	-12.84	13.96	1.00	1.00	0.00	
2500.00	5.00	246.91	2499.37	-8.55	-20.06	21.80	1.00	1.00	0.00	
2600.00	6.00	246.91	2598.90	-12.31	-28.87	31.39	1.00	1.00	0.00	
2700.00	7.00	246.91	2698.26	-16.75	-39.29	42.71	1.00	1.00	0.00	
2800.00	8.00	246.91	2797.40	-21.87	-51.29	55.76	1.00	1.00	0.00	
2900.00	9.00	246.91	2896.30	-27.66	-64.89	70.54	1.00	1.00	0.00	
3000.00	10.00	246.91	2994.93	-34.13	-80.07	87.05	1.00	1.00	0.00	
3035.08	10.35	246.91	3029.46	-36.56	-85.77	93.24	1.00	1.00	0.00	
3100.00	10.35	246.91	3093.32	-41.14	-96.50	104.91	0.00	0.00	0.00	
3200.00	10.35	246.91	3191.70	-48.18	-113.03	122.87	0.00	0.00	0.00	
3300.00	10.35	246.91	3290.07	-55.23	-129.56	140.84	0.00	0.00	0.00	
3400.00	10.35	246.91	3388.44	-62.27	-146.09	158.81	0.00	0.00	0.00	
3500.00	10.35	246.91	3486.81	-69.32	-162.62	176.78	0.00	0.00	0.00	

Precision Directional Services, Inc

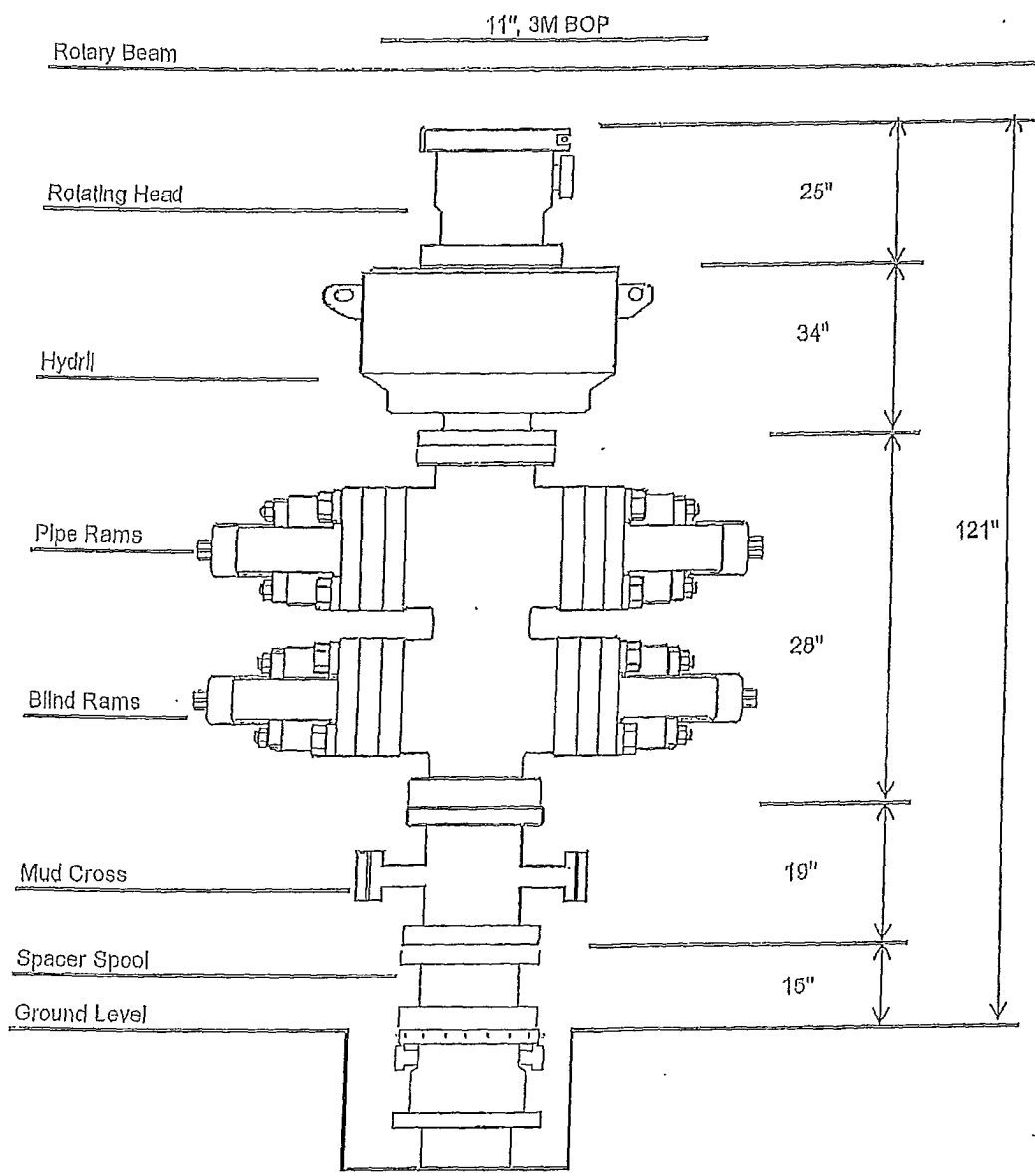
Planning Report

Company: SANDRIDGE ENERGY	Date: 2012/05/14	Time: 11:37:33	Page: 2
Field: Lea County NME Nad 27	Co-ordinate(NE) Reference: Well: #6, Grid North		
Site: Parcell Federal #6	Vertical (TVD) Reference: 3564' GL + 13' KB 3577.0		
Well: #6	Section (VS) Reference: Well (0.00N,0.00E,246.91Azi)		
Wellpath: Original Hole	Plan: Plan #2		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
3600.00	10.35	246.91	3585.19	-76.36	-179.15	194.74	0.00	0.00	0.00	
3700.00	10.35	246.91	3683.56	-83.41	-195.68	212.71	0.00	0.00	0.00	
3800.00	10.35	246.91	3781.93	-90.46	-212.20	230.68	0.00	0.00	0.00	
3900.00	10.35	246.91	3880.30	-97.50	-228.73	248.65	0.00	0.00	0.00	
4000.00	10.35	246.91	3978.68	-104.55	-245.26	266.61	0.00	0.00	0.00	
4100.00	10.35	246.91	4077.05	-111.59	-261.79	284.58	0.00	0.00	0.00	
4200.00	10.35	246.91	4175.42	-118.64	-278.32	302.55	0.00	0.00	0.00	
4300.00	10.35	246.91	4273.79	-125.68	-294.85	320.52	0.00	0.00	0.00	
4400.00	10.35	246.91	4372.17	-132.73	-311.37	338.48	0.00	0.00	0.00	
4500.00	10.35	246.91	4470.54	-139.77	-327.90	356.45	0.00	0.00	0.00	
4600.00	10.35	246.91	4568.91	-146.82	-344.43	374.42	0.00	0.00	0.00	
4700.00	10.35	246.91	4667.28	-153.87	-360.96	392.39	0.00	0.00	0.00	
4800.00	10.35	246.91	4765.66	-160.91	-377.49	410.35	0.00	0.00	0.00	
4900.00	10.35	246.91	4864.03	-167.96	-394.02	428.32	0.00	0.00	0.00	
5000.00	10.35	246.91	4962.40	-175.00	-410.55	446.29	0.00	0.00	0.00	
5100.00	10.35	246.91	5060.77	-182.05	-427.07	464.26	0.00	0.00	0.00	
5200.00	10.35	246.91	5159.15	-189.09	-443.60	482.22	0.00	0.00	0.00	
5300.00	10.35	246.91	5257.52	-196.14	-460.13	500.19	0.00	0.00	0.00	
5400.00	10.35	246.91	5355.89	-203.18	-476.66	518.16	0.00	0.00	0.00	
5500.00	10.35	246.91	5454.27	-210.23	-493.19	536.13	0.00	0.00	0.00	
5600.00	10.35	246.91	5552.64	-217.28	-509.72	554.09	0.00	0.00	0.00	
5700.00	10.35	246.91	5651.01	-224.32	-526.24	572.06	0.00	0.00	0.00	
5800.00	10.35	246.91	5749.38	-231.37	-542.77	590.03	0.00	0.00	0.00	
5900.00	10.35	246.91	5847.76	-238.41	-559.30	608.00	0.00	0.00	0.00	
6000.00	10.35	246.91	5946.13	-245.46	-575.83	625.96	0.00	0.00	0.00	
6100.00	10.35	246.91	6044.50	-252.50	-592.36	643.93	0.00	0.00	0.00	
6200.00	10.35	246.91	6142.87	-259.55	-608.89	661.90	0.00	0.00	0.00	
6300.00	10.35	246.91	6241.25	-266.59	-625.41	679.86	0.00	0.00	0.00	
6400.00	10.35	246.91	6339.62	-273.64	-641.94	697.83	0.00	0.00	0.00	
6500.00	10.35	246.91	6437.99	-280.69	-658.47	715.80	0.00	0.00	0.00	
6600.00	10.35	246.91	6536.36	-287.73	-675.00	733.77	0.00	0.00	0.00	
6700.00	10.35	246.91	6634.74	-294.78	-691.53	751.73	0.00	0.00	0.00	
6800.00	10.35	246.91	6733.11	-301.82	-708.06	769.70	0.00	0.00	0.00	
6900.00	10.35	246.91	6831.48	-308.87	-724.59	787.67	0.00	0.00	0.00	
7000.00	10.35	246.91	6929.85	-315.91	-741.11	805.64	0.00	0.00	0.00	
7100.00	10.35	246.91	7028.23	-322.96	-757.64	823.60	0.00	0.00	0.00	
7172.96	10.35	246.91	7100.00	-328.10	-769.70	836.71	0.00	0.00	0.00	Target
7200.00	10.35	246.91	7126.60	-330.00	-774.17	841.57	0.00	0.00	0.00	
7300.00	10.35	246.91	7224.97	-337.05	-790.70	859.54	0.00	0.00	0.00	
7400.00	10.35	246.91	7323.34	-344.10	-807.23	877.51	0.00	0.00	0.00	
7500.00	10.35	246.91	7421.72	-351.14	-823.76	895.47	0.00	0.00	0.00	
7600.00	10.35	246.91	7520.09	-358.19	-840.28	913.44	0.00	0.00	0.00	
7700.00	10.35	246.91	7618.46	-365.23	-856.81	931.41	0.00	0.00	0.00	
7800.00	10.35	246.91	7716.84	-372.28	-873.34	949.38	0.00	0.00	0.00	
7900.00	10.35	246.91	7815.21	-379.32	-889.87	967.34	0.00	0.00	0.00	
8000.00	10.35	246.91	7913.58	-386.37	-906.40	985.31	0.00	0.00	0.00	
8100.00	10.35	246.91	8011.95	-393.41	-922.93	1003.28	0.00	0.00	0.00	
8189.50	10.35	246.91	8100.00	-399.72	-937.72	1019.36	0.00	0.00	0.00	PBHL

Lariat 17 BOP



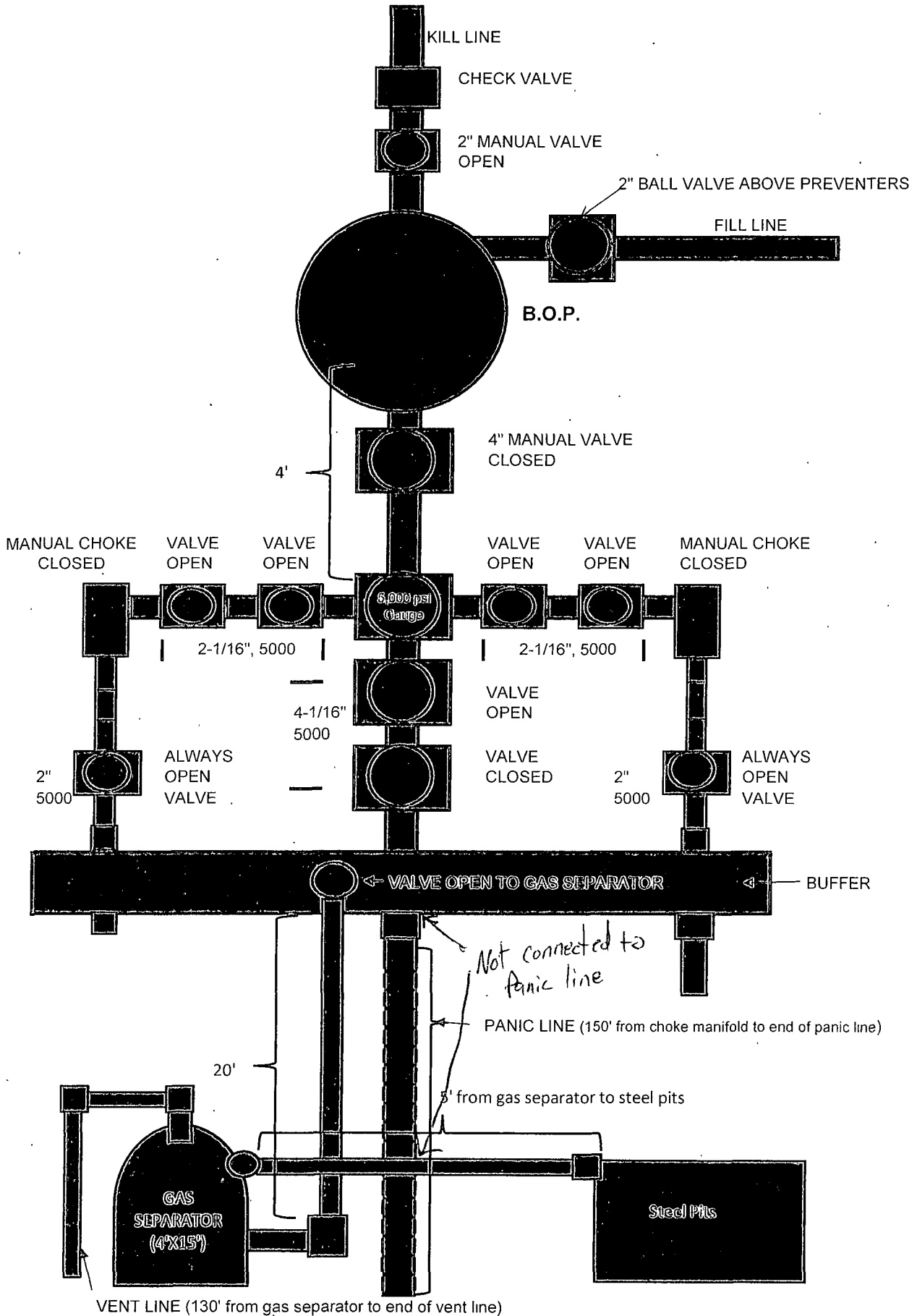
Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTERS
SandRidge Exploration and Production, LLC

Parcell Federal #6

Surface Location: 1375' FSL, 1375' FEL, Unit J, Sec 8, T21S R38E, Lea County, New Mexico
Bottom Hole Location: 990' FSL, 2310' FEL, Unit O, Sec 8, T21S R38E, Lea County, New Mexico

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
4. All fittings will be flanged.
5. A full bore safety valve tested to a minimum of 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a Kelly cock attached to the Kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operations.
10. Hydraulic floor control for blowout preventer will be location as near in proximity to the driller's controls as practical.
11. All BOP equipment will meet API standards and include a minimum 40-gallon accumulator having two independent means of power to initiate closing operations.

Lariat 17 choke Manifold



Lariat Services, Inc. – Rig #17 Inventory

APPROXIMATE AGE: Built 2005

POWERED DRAW WORKS:

Rt 400 Single Drum Drawworks Lebus Grooved for 1 1/8" Line 42" x 10" Brakes with 424-400,000# Tension Torque Brake.

Powered by 630 HP Series 60 Detroit Engine with an Allison 6061 Transmission to 500 HP Right Angle Gear Box.

MAST & SUBSTRUCTURE:

International Derrick Service 67' 500,000 GNC Mast Mounted on a 3 Axle Carrier with Boatskid 12' Substructure with Pipe Handling Boom Arm.

POWERED PUMPS:

- (1) RSF-1000 Powered by Detroit Series 2000 Diesel Engine.
- (1) EMSCO DB-550 Powered by Caterpillar 3406 Diesel Engine.

TOP HEAD DRIVE AND POWER UNIT:

Top Drive system XK250-24K Powered by Detroit Series 60 / 350 HP @ 1200 RPM with Sunstrawn Hydraulic Pump. Maximum Circulating Pressure 5000 PSI with Torque Capacity of 24,000 Ft. lbs. Max. RPM 150.

CROWN AND TRAVELING CARRIER FOR TOP HEAD DRIVE:

Crown is Designed for 8 Line String Up. Consisting of (8) 20" x 1 1/8" Sheaves. Banjo Sheaves are 1 1/8" X 250 Ton.

WELL CONTROL EQUIPMENT:

Koomey 8 Bottle 5 Station Accumulator.
5000 # Choke Manifold.
11" x 3000 # Double Shaffer B.O.P.

GENERATOR HOUSE:

10' x 48' Skid Mounted House.
(2) 380 KW Marathon Generators Powered by (2) Detroit Series 60 550 HP Diesel Engines.
Sullivan Paletex Rotary Screw Compressor.

MUD SYSTEM:

(2) 10' W x 5' H x 40' L with 10' Porch on Each End 400 BBL Each with (4) 5" x 6" Centrifugal Pumps with 50 HP, Electric motors, Linear Shale Shaker. (2) Cone Desander (12) Cone Desilter and Mud Hopper.

TOOLPUSHER'S HOUSE:

8' W x 40' L Idle Time Trailer.

TOP DOGHOUSE:

8' W x 20' L with 4' Porch.

BOTTOM DOG HOUSE:

25' L x 8' W with 5 Station Accumulator Mounted on Front.

WATER TANK:

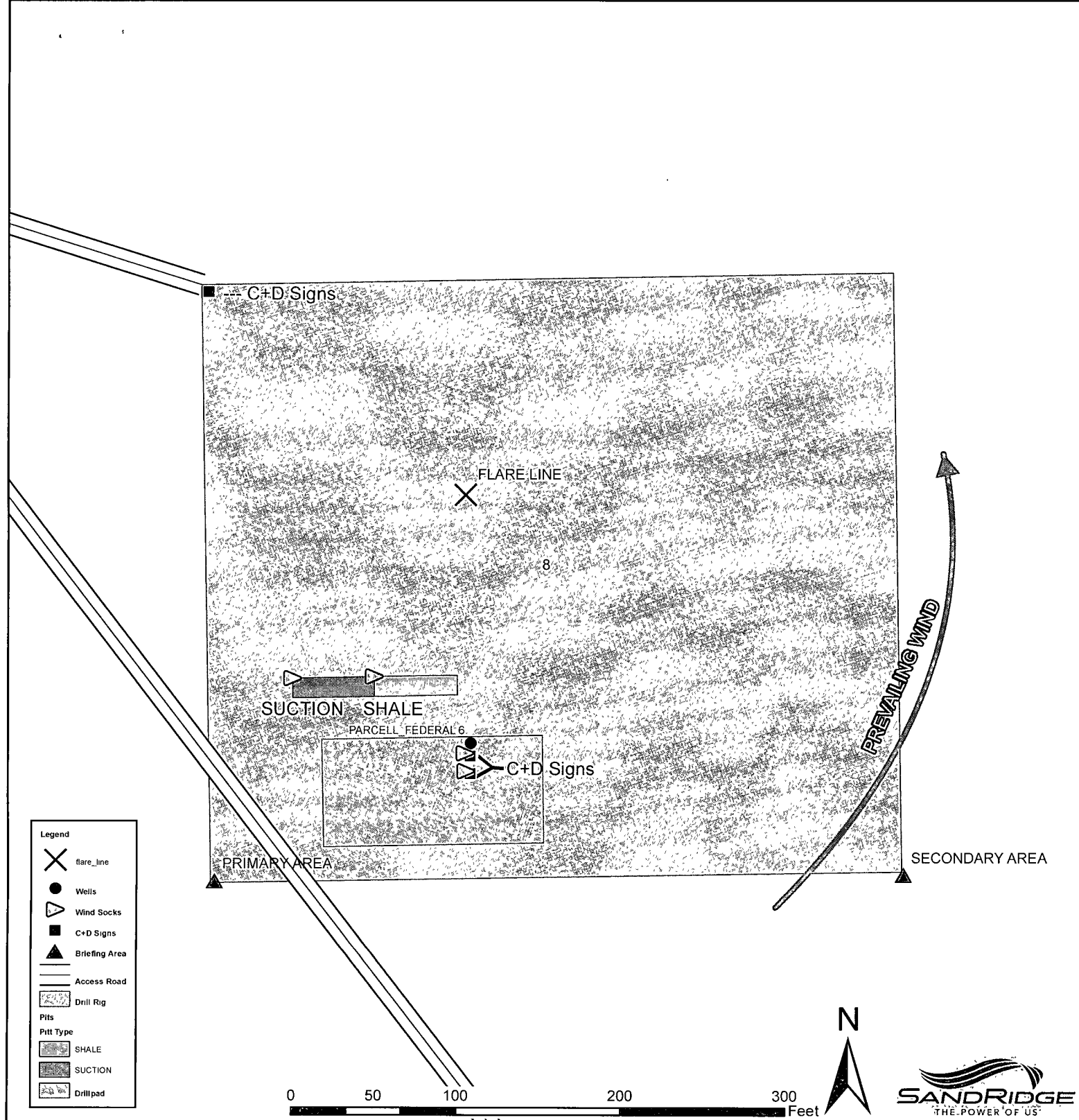
8' W x 8' H x 40' L with Lubster Mounted on One End with (2) 2" X 3" Centrifugal Pumps with 20 HP Electric Motors.
Water Tank 500 BBL Cap.

HANDLING TOOLS AND AUXILLARY EQUIPMENT:

OWI 1000 Hydraulic Wireline Machine.
U.S. Oil Tools.
Air Slips.
(2) Braden Hydraulic 3/8" Line Winches.

Lariat Services, Inc. – Rig #17 Inventory

- (1) 450 Gallon Day Tank on Unit.
- (1) 450 Gallon Hydraulic Tank.
- (3) Suitcases (1) 32' x 3' x 1" – (1) 40' x 3' x 1" - (1) 34' x 3' x 2".
- (1) Diesel Tank Skid Mounted 38' L x 7' (Tank Is 6' x 6' x 14').
- (1) Junk Box 5' x 8" x 20'.
- (1) Auto-Drill Automatic Driller.
- Type "D" Weight Indicator with E-80 Sensor.
- Deadline Anchor Hercules Type HA 118T.
- Crown Protection System.
- (1) Pre-Mix Pit 7' W x 7' H x 28' L with 5" x 6" Mixing Pump 100 HP Electric Motor.
- (1) 500 BBL Storage Tank.



Operator : SandRidge Energy, Inc		Proposed Well Location :		Draftsman : Sam Scovill		Date Staked .	
Lease Name 901*NM000307-000		32.489941°N, -103.077816°W Sect. 8, T21S R8W		Elevation : 3,564.3 feet		Date of Drawing : 8/29/2012	
Well Number : Parcell Federal #6	County : Lea	Distance & Direction to Well: From the intersection of Hwy. #207 and Hwy #18, go south on Hwy. #18 approx. 1.3 miles Turn left and go east approx. 0.3 miles. Turn left and go north approx. 0.5 miles. Turn right and go east approx. 2.7 miles Turn right and go south approx. 0.5 miles Turn right and go southwest approx. 0.4 miles. Turn left and go south approx. 0.6 miles. This location stake is approx. 188 feet east of road		Coordinate System . USA Contiguous Albers Equal Area Conic USGS Version - GCS NAD 1983			
Topography & Vegetation : Native Vegetation; Rolling Sand Hills				Drawing Name/Number : Parcell_Federal_6 mxd			
Reference Stakes or Alternate Location Stakes?							