

OCD-ARTESIA

F-06-35  
3/15/06Form 3160-3  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

JUN 05 2006

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM <del>100527</del> & 100528
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator David H. Arrington Oil & Gas, Inc. 5898		7. If Unit or CA Agreement, Name and No. 35780
3a. Address c/o Box 953, Midland, TX 79702		8. Lease Name and Well No. 1H Brown Steele Stone Fed Com, #2H
3b. Phone No. (include area code) 432 6846381		9. API Well No. 30-015-34914
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 660' FSL & 690' FEL At proposed prod. zone 660' FNL & 760' FEL		10. Field and Pool, or Exploratory Wildcat Wolfcamp
14. Distance in miles and direction from nearest town or post office* 6 miles East of Hope, NM		11. Sec., T. R. M. or Blk. and Survey or Area Sec 27, T17S, R23E
15. Distance from proposed* location to nearest property or lease line, ft. (Also, to nearest drig. unit line, if any) 669'	16. No. of acres in lease 640	12. County or Parish Eddy
17. Spacing Unit dedicated to this well 320	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1st well	13. State NM
19. Proposed Depth TVD: 4900'; MD: 8255'	20. BLM/BIA Bond No. on file Statewide Bond # 2503	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3948'	22. Approximate date work will start* 05/01/2006	23. Estimated duration 14-20 days

## 24. Attachments

Roswell Controlled Water Basin

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

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

25. Signature 	Name (Printed/Typed) Ann E. Ritchie	Date 03/08/2006
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Title  
Regulatory Agent

Approved by (Signature) /s/ James Stovall	Name (Printed/Typed) /s/ James Stovall	Date JUN 02 2006
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Title  
ACTING FIELD MANAGEROffice  
CARLSBAD FIELD OFFICEApplication 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 1 YEAR

Title 18 U.S.C. 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.

\*(Instructions on page 2)

DECLARED WATER BASIN  
CEMENT BEHIND THE 8 5/8"  
CASING MUST BE CIRCULATED

WITNESS

Drill Only Rule 40  
6/7/06

RECEIVED

JUN 15 PM 2:30

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHEDBUREAU OF LAND MGMT  
CARLSBAD FIELD OFFICEIf earthen pits are used in  
association with the drilling of this  
well, an OCD pit permit must be  
obtained prior to pit construction.

**DISTRICT I**

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

**DISTRICT II**

1301 W. Grand Avenue, Artesia, NM 88210

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**DISTRICT IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-	<sup>2</sup> Pool Code 96086	<sup>3</sup> Pool Name Wildcat; Wolfcamp
<sup>4</sup> Property Code	<sup>5</sup> Property Name BROWN STEELIE STONE FED COM	<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 5898	<sup>8</sup> Operator Name DAVID H. ARRINGTON OIL & GAS	<sup>9</sup> Elevation 3962'

**" Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	17 SOUTH	23 EAST, N.M.P.M.		660'	SOUTH	690'	EAST	EDDY

**" Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	27	17 SOUTH	23 EAST, N.M.P.M.		660'	NORTH	760'	EAST	EDDY

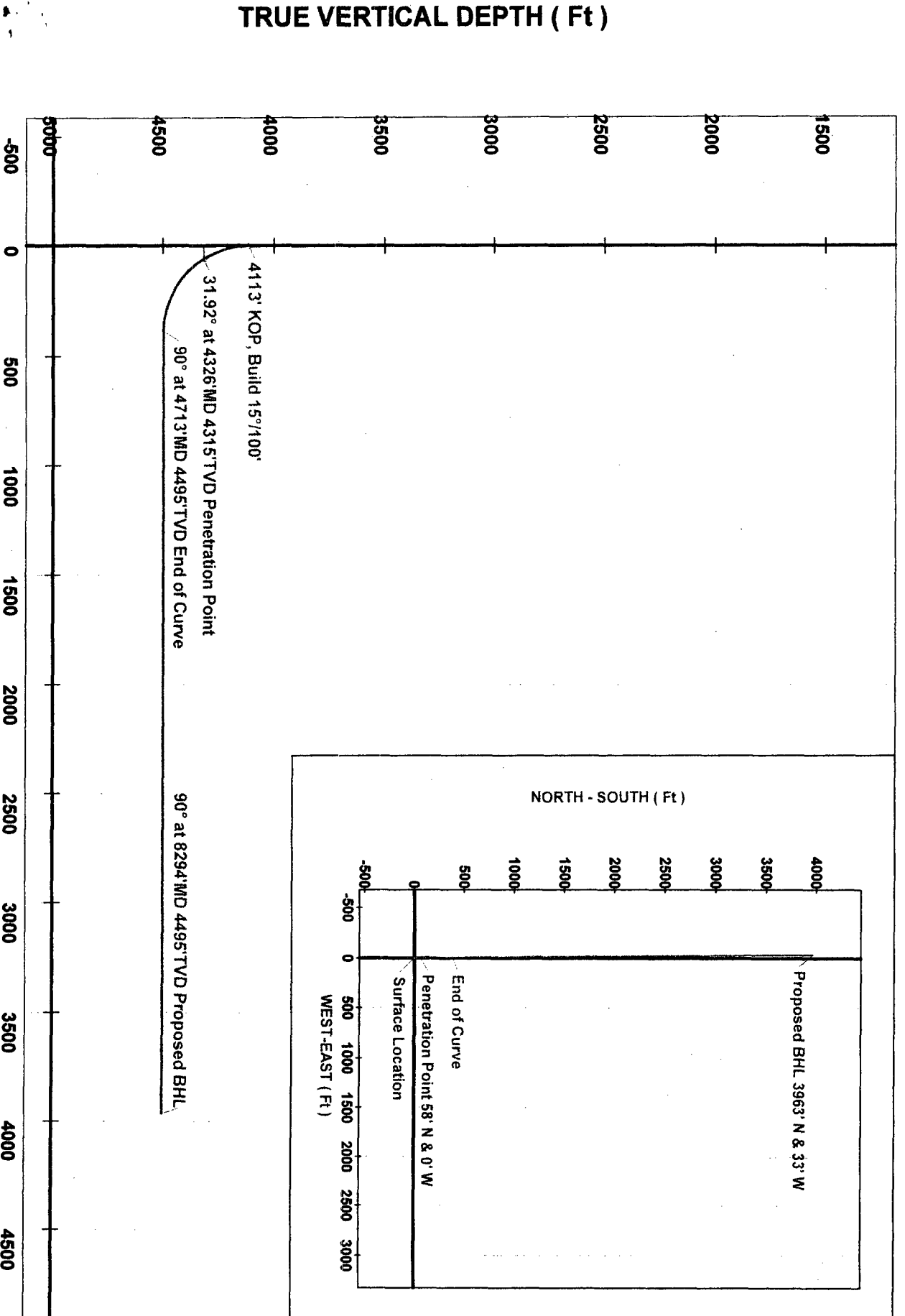
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>" OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Ann E. Ritchie</i> Printed Name: Ann E. Ritchie Title: Regulatory Agent Date: 2-21-06
	<b>" SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: FEBRUARY 2, 2006 Signature and Seal of Professional Surveyor: <i>V. Lynn Bezner</i>  Certificate Number: 7920 V. L. BEZNER R.P.S. #7920 JOB # 110360 / 101 SW / E.U.O.

BOTTOMHOLE INFORMATION PROVIDED BY DAVID H. ARRINGTON OIL & GAS

Company: David H. Arrington Oil & Gas  
 Lease/Well: Orange Steelhead Scud Fed Com #1H  
 Location: Eddy County  
 State/Country: New Mexico



VERTICAL SECTION (Ft) @ 359.53°

David H. Arrington Oil & Gas Inc.  
Brown Steelie Stone Fed Com 1H  
SHL - 660' FSL & 690' FEL  
BHL - 660' FNL & 760' FEL  
S27, T17S, R23E  
Eddy County, NM

-Drilling Plan-

1. Ground elevation above sea level: 3962'
2. Proposed drilling depth: 4900' TVD
3. Estimated tops of geological markers:

San Andres	235'
Glorietta	1550'
Blinberry	2230'
Tubb	2900'
Abo Shale	3575'
Abo Carbonate	3750'
Wolfcamp	4465'

4. Possible mineral bearing formations:

Abo/Wolfcamp	Gas/Oil
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5. Casing Program

Hole size	Interval	OD of Casing	Weight	Thread	Grade	TOC
12-1/4"	40' - 1300'	8-5/8"	32#	LTC	J55	Surf
*7-7/8"	1300' - 4900'					
*7-7/8"	4100' - 8255'	5-1/2"	17#	LTC	P110	Surf

\*Drill 7-7/8" vertical hole to 4900', plug back to ~ 3900' and drill lateral to ~ 8255' (~4495' TVD). Run 5-1/2" production string to TD and cement to surface.

6. Cementing and Setting Depth

String	Depths	Sks	Slurry
8-5/8" Surface	1300'	200	Lead-1: Premium Premium Plus w/ 10 pps DiamondSeal
		100	Lead-2: Premium Plus Thixset w/ 1% Thixset A & 0.25% WG-17
		750	Lead-3: Light Premium Plus w/ 5 pps gilsonite & 2% CaCl <sub>2</sub>
		500	Tail: Premium Plus w/ 2% CaCl <sub>2</sub>
Open Hole Plug	3900-4900'	400	Slurry: Premium mixed at 17.0 ppg
5-1/2" Production	8255'	440	Lead: Interfill C w/ 1/4 pps Flocele
		410	Tail: Howco Acid Soluble Cement w/ 0.7% Halad 344, 0.2% FWCA & 0.2% HR-601

Both casing strings will be cemented to surface.

7. Pressure Control Equipment: After setting 8-5/8" casing and installing 5000 psi casing head, NU 11" 5000 psi double ram BOP and 5000 psi annular BOP, and test with clear fluid to 3000 psi using 3<sup>rd</sup> party testers.

## 8. Proposed Mud Circulating System

Interval	Mud Wt.	Visc.	FL	Type Mud System
40' - 1300'	8.5 - 8.6	32 - 38	NC	Fresh water gel/lime slurry. Add paper for seepage. If losses occur, utilize 15-25 lb/bbl LCM. If necessary, spot LCM pill for losses. If not regained, dry drill to depth.
1300' - 4900'	8.4 - 9.3	28 - 34	NC-12	Fresh water-cut brine. Drill out w/ fresh water using paper and high viscosity sweeps for seepage and hole cleaning. At ~ 3,300' add brine to mud. Mud up at ~4,200' utilizing starch/PAC system.
4100' - 8255'	8.8 - 9.3	32 - 50	15	XCD polymer system. Sweep as necessary for hole cleaning.

### Proposed Drilling Plan:

Drill 12-1/4" surface hole to 1300'. Run 8-5/8" and cement to surface.

Drill 7-7/8" pilot hole to ~4900' and log well. Plug back and dress off to KOP @ ~4110'. Drill curve w/ 15°/100' BUR to ~90° inclination. Drill 7-7/8" lateral to ~8255'. Run 5-1/2" casing and cement to surface.

**Brown Steelie Stone Fed Com 1H  
Cottonwood Creek Field  
Eddy County, New Mexico**

**Surface                      Lateral Terminus**

**660' FSL**

**660' FNL**

**690' FEL**

**760' FEL**

**S-27**

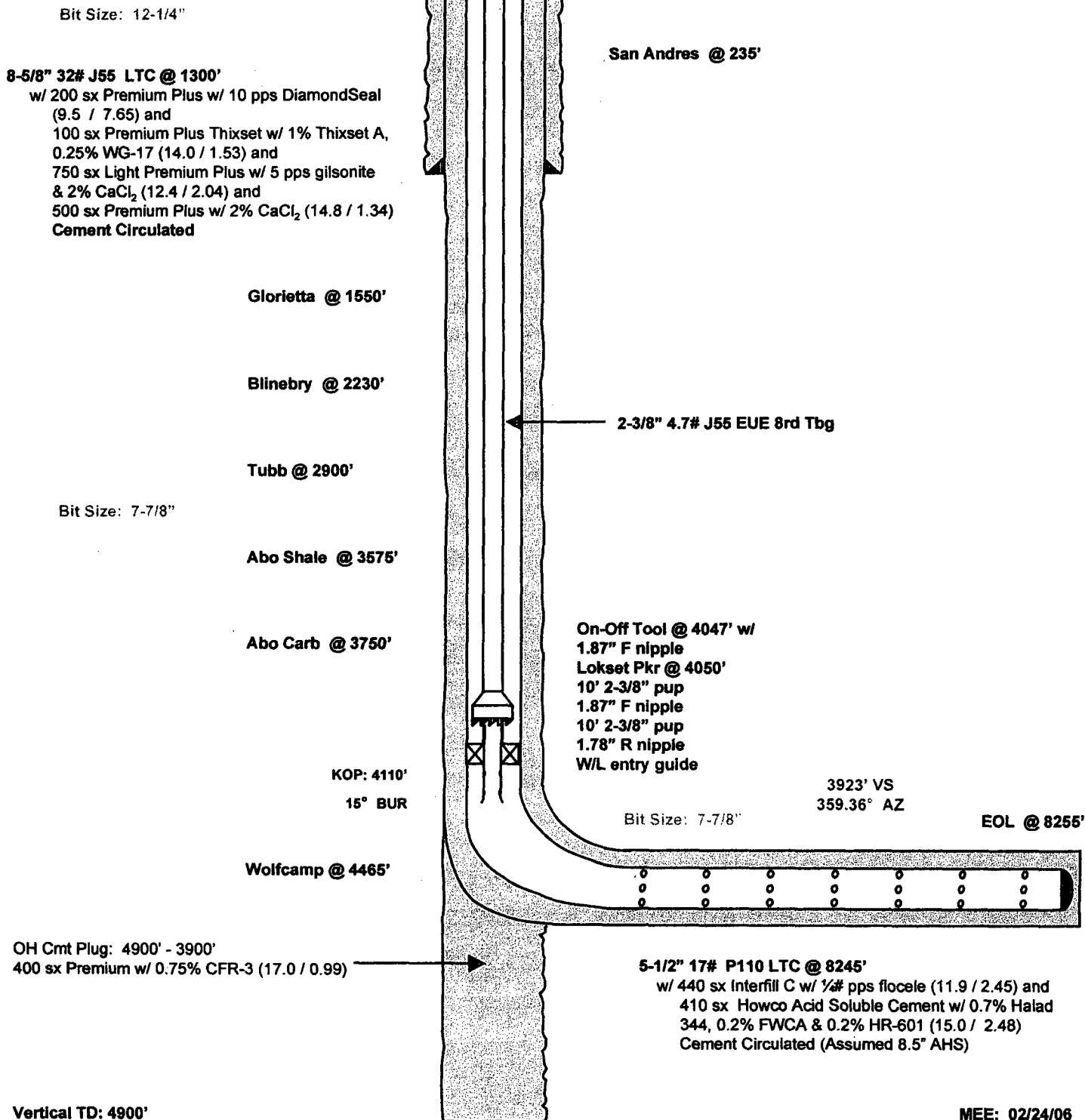
**Proposed Wellbore**

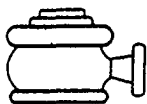
**T17S, R23E**

**API: 30-015-?**

**KB: 3981'**

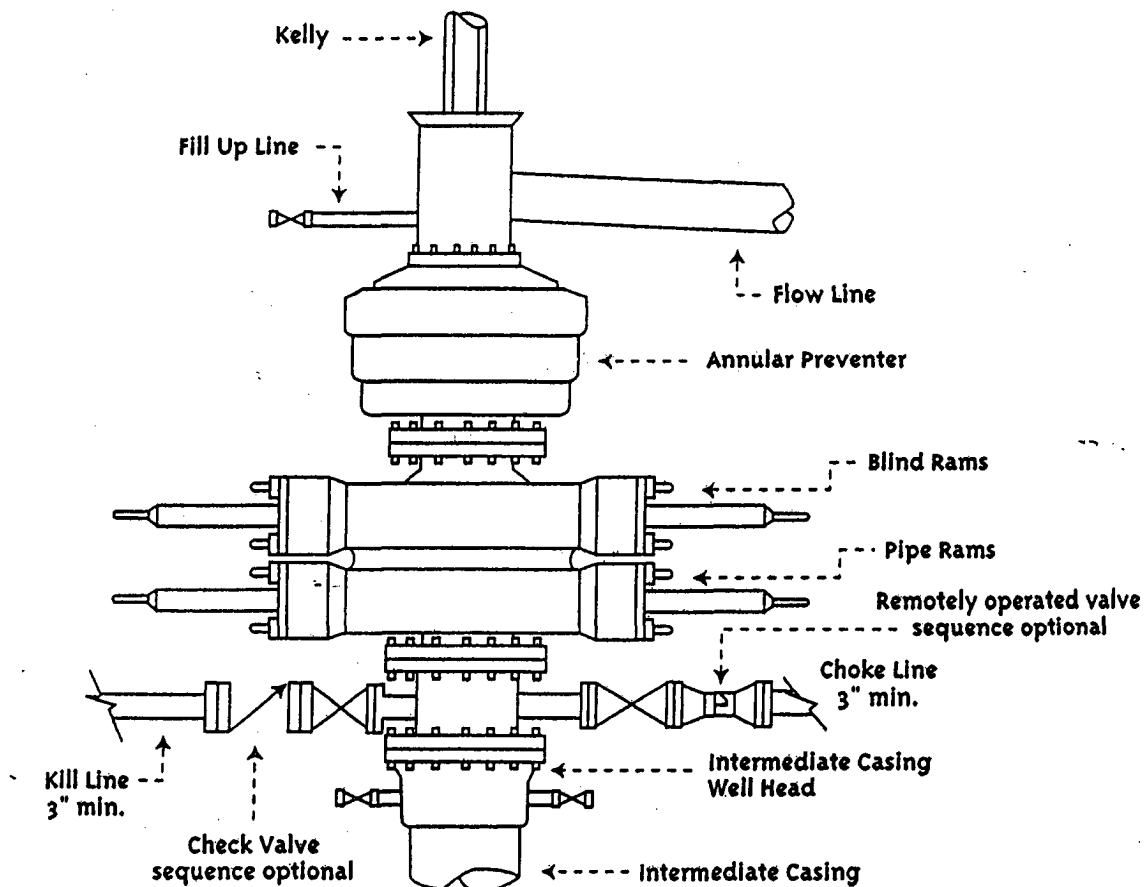
**GL: 3962'**



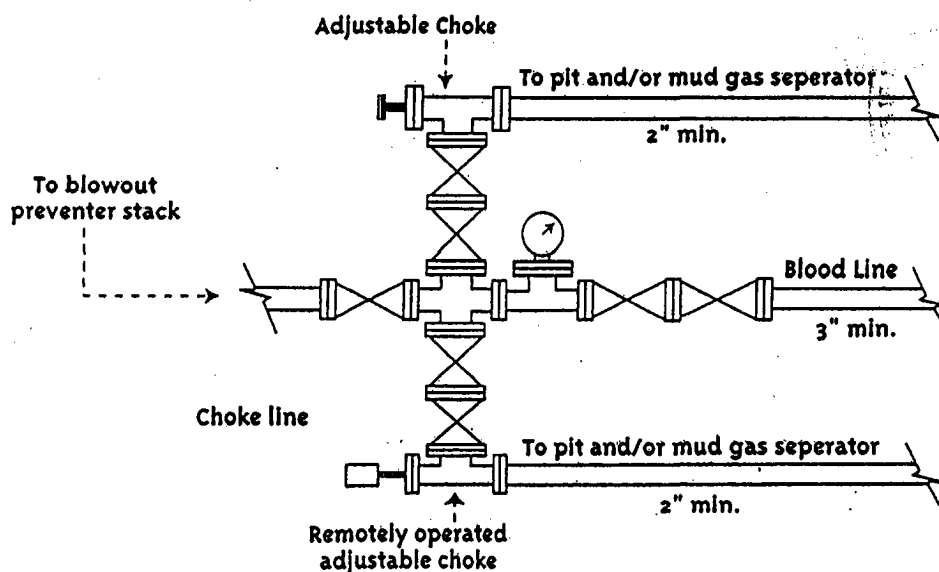


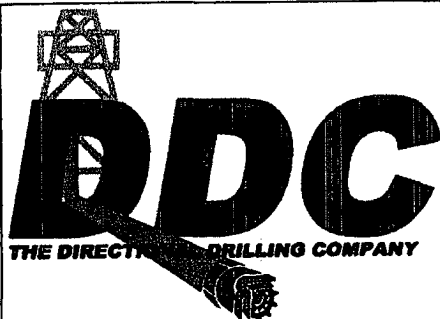
David H. Arrington Oil & Gas, Inc.

Typical 5,000 psi Pressure System  
Schematic  
Annular Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features





Job Number:  
 Company: David H. Arrington Oil & Gas  
 Lease/Well: Brown Steele Stone Fed Com #1H  
 Location: Eddy County  
 Rig Name:  
 RKB:  
 G.L. or M.S.L.:

State/Country: New Mexico  
 Declination:  
 Grid:  
 File name: C:\PROPOS~1\ARRING~1\#1HBRO~1\PLAN.SVY  
 Date/Time: 27-Feb-06 / 11:15  
 Curve Name: Preliminary Plan

## THE DIRECTIONAL DRILLING COMPANY

### WINSERVE PROPOSAL REPORT Minimum Curvature Method Vertical Section Plane 359.36 Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	Dogleg Severity Deg/100
<b>KOP, Build 15°/100'</b>							
4113.03	.00	359.36	4113.03	.00	.00	.00	.00
4163.03	7.50	359.36	4162.89	3.27	3.27	-.04	15.00
4213.03	15.00	359.36	4211.89	13.02	13.01	-.15	15.00
4263.03	22.50	359.36	4259.20	29.08	29.07	-.32	15.00
4313.03	30.00	359.36	4304.01	51.17	51.17	-.57	15.00
<b>Penetration Point</b>							
4325.84	31.92	359.36	4315.00	57.77	57.76	-.65	15.00
4363.03	37.50	359.36	4345.56	78.93	78.93	-.88	15.00
4413.03	45.00	359.36	4383.12	111.88	111.87	-1.25	15.00
4463.03	52.50	359.36	4416.07	149.44	149.43	-1.67	15.00
4513.03	60.00	359.36	4443.83	190.99	190.97	-2.13	15.00
4563.03	67.50	359.36	4465.92	235.80	235.78	-2.63	15.00
4613.03	75.00	359.36	4481.98	283.11	283.09	-3.16	15.00
4663.03	82.50	359.36	4491.73	332.11	332.09	-3.71	15.00
<b>End of Curve</b>							
4713.03	90.00	359.36	4495.00	381.97	381.95	-4.27	15.00
4913.03	90.00	359.36	4495.00	581.97	581.94	-6.50	.00
5113.03	90.00	359.36	4495.00	781.97	781.92	-8.73	.00
5313.03	90.00	359.36	4495.00	981.97	981.91	-10.97	.00
5513.03	90.00	359.36	4495.00	1181.97	1181.90	-13.20	.00
5713.03	90.00	359.36	4495.00	1381.97	1381.89	-15.44	.00
5913.03	90.00	359.36	4495.00	1581.97	1581.87	-17.67	.00



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	Dogleg Severity Deg/100
6113.03	90.00	359.36	4495.00	1781.97	1781.86	-19.90	.00
6313.03	90.00	359.36	4495.00	1981.97	1981.85	-22.14	.00
6513.03	90.00	359.36	4495.00	2181.97	2181.84	-24.37	.00
6713.03	90.00	359.36	4495.00	2381.97	2381.82	-26.61	.00
6913.03	90.00	359.36	4495.00	2581.97	2581.81	-28.84	.00
7113.03	90.00	359.36	4495.00	2781.97	2781.80	-31.07	.00
7313.03	90.00	359.36	4495.00	2981.97	2981.79	-33.31	.00
7513.03	90.00	359.36	4495.00	3181.97	3181.77	-35.54	.00
7713.03	90.00	359.36	4495.00	3381.97	3381.76	-37.78	.00
7913.03	90.00	359.36	4495.00	3581.97	3581.75	-40.01	.00
8113.03	90.00	359.36	4495.00	3781.97	3781.74	-42.24	.00
<b>Proposed BHL</b>							
8254.06	90.00	359.36	4495.00	3923.00	3922.76	-43.82	.00

March 2, 2006

Bureau of Land Management  
620 E. Greene Street  
Carlsbad, NM 88220

Oil Conservation Division  
Attn: Bryan Arrant  
1301 Grand Ave.  
Artesia, NM 88210

**RE: David H. Arrington Oil & Gas, Inc., Brown Steelie Stone Fed Com, Well #1H; Cottonwood Creek; Wolfcamp, Sec 27, T17S, R23E, Eddy County, NM**

It is not anticipated that we will encounter any H<sub>2</sub>S during the drilling or completion of the above referenced well. We are respectfully requesting an exemption from H<sub>2</sub>S requirements as per NMOCD Rule 118. The anticipated TVD is 4900', the MD is 8255' for this proposed horizontal well.

Thank you,

A handwritten signature in black ink, appearing to read 'Ann E. Ritchie', written over a large, loopy flourish.

Ann E. Ritchie, Regulatory Agent  
**David H. Arrington Oil & Gas, Inc.**  
c/o P.O. Box 953  
Midland, TX 79702  
432 684-6381/682-1458-fax  
ann.ritchie@wtor.net

**Thirteen Point Plan for Surface Use**  
**(Additional data for form 3160-3)**

David H. Arrington Oil & Gas, Inc.

Brown Steelie Stone Fed Com, Well #1H

Sec. 27, T17S, R23E, 660' FSL & 690' FEL (SL); 660' FNL & 760 FEL, Eddy County, NM

Cottonwood Creek; Wolfcamp

NMNM 100527 & 100528

1. **EXISTING ROADS** - A "VICINITY MAP" and a "LOCATION VERIFICATION MAP" by Topographic Land Surveyors are attached which show the location of existing roads and the area topography.  
The directions to the location are as follows:  
From intersection of Hwy. 82 & Hwy. 285 go west on Hwy. 82 +/- 17.0 miles, thence south on CR 8 2 miles, thence 0.5 miles, thence North 0.1 miles to a point +/- 700' east of the location.
2. **PLANNED ACCESS ROAD** — Approximately 568' of new E-W access road will be built from the existing road.
3. **LOCATION OF EXISTING WELLS** – As per the Location Verification Map & C-102.
4. **LOCATION OF EXISTING OR PROPOSED FACILITIES** – New facilities will be constructed in the SE /4 of Section 27.
5. **LOCATION AND TYPE OF WATER SUPPLY** - All water (fresh or otherwise) needed for the drilling and completion of this well will be purchased from a commercial source and trucked to the location via the existing and proposed access road. No water source wells will be drilled, and no surface water will be utilized.
6. **SOURCE OF CONSTRUCTION MATERIALS** - Construction material (caliche) required for the preparation of the drill site is available from a local source approximately 3 miles away. It is not anticipated that a significant amount of material will be required as the terrain is relatively flat. Transportation will be over the existing roads.
7. **METHODS FOR HANDLING WASTE DISPOSAL** -
  - Drill cuttings will be disposed into drilling pits after fluids have evaporated.

- The drilling pits will be lined with a 20 mil biodegradable plastic liner, and buried as per regulatory requirements. The pits will be located on the drill site.
- Receptacles for solid wastes (paper, plastic, etc) will be provided and equipped to prevent scattering by wind, animals, etc. This waste will be hauled to an approved landfill site. All drilling line, oil filters, etc. will be hauled away by the Drilling Contractor.
- Any other waste generated by the drilling, completion, testing of this well will be removed from the site within 30 days of the completion of drilling or testing operations.
- A Porta-John will be provided for the crews. This will be properly maintained during the drilling operations and removed upon completion of the well.

8. **ANCILLARY FACILITIES** - The drilling, completion, and/or testing of this well will require temporary test facilities.
9. **WELLSITE LAYOUT** - Attached is a plat showing the anticipated orientation of the drilling rig, pad and frac pit. The approximate 400 x 400' drill site area has been surveyed and flagged. Approximately 5' of topsoil will be stockpiled on the east side of the location for rehabilitation purposes. A frac pit will be built on location due to the unavailability of frac tanks. The interior reserve pit diameter is approximately 130 x 135', approximately 6000' bbls. There are no waterways; the closest occupied structure is approximately 1 mile' to the East designated on the Location & Elevation Verification Map as the "McAshan Ranch". Material moved to create the drilling pits will be utilized in the dike around the pits so as to facilitate restoration of the area when operations are completed.
10. **PLANS FOR SURFACE RESTORATION** - Reclamation of the surface location will be in accordance with the requirements set forth by the BLM. As stated earlier all waste generated by this operation will be disposed of in an approved manner, and the site restored as closely as possible to its pre-operation appearance. Due to the topography of the area no problems are anticipated in achieving this status and no erosion or other detrimental effects are expected as a result of this operation.

11. **OTHER INFORMATION** - The surface ownership of the drill site and the access routes are under the control/ownership of:

Bureau of Land Management

P. O. Box 1778

Carlsbad, New Mexico 88221-1778 505-234-5972

The site has been archaeologically surveyed by a registered archeological surveyor in February 2006 and submitted to the BLM, Carlsbad, New Mexico.

Drilling contractor: Patterson UTI Drilling: 432 682-9401

12. OPERATORS REPRESENTATIVE – David H. Arrington Oil & Gas, Inc. is covered by Nationwide Bond No. UIB0005938. David H. Arrington Oil & Gas, Inc. is represented by: *& Statewide Bond 2503,*

Mark Ellerbe, Company Operations & Drilling Engineer (432-559-1216-mobile)

(432 682-6685, ext. 351-off)

David H. Arrington Oil & Gas, Inc.

P.O. Box 2071

Midland, TX 79702

432 682-6685 - office

13. OPERATORS CERTIFICATION

I hereby certify that I, Mark Ellerbe, Operations Engineer, have inspected the proposed drill site and access route and that I am familiar with the conditions that currently exist; that the statements made in the APD package are to the best of my knowledge true and correct; and that the work associated with operations herein will be performed by David H. Arrington Oil & Gas, Inc. and its contractors and subcontractors in conformity with the terms and conditions of this APD package. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application with bond coverage being provided under a BLM nationwide bond.

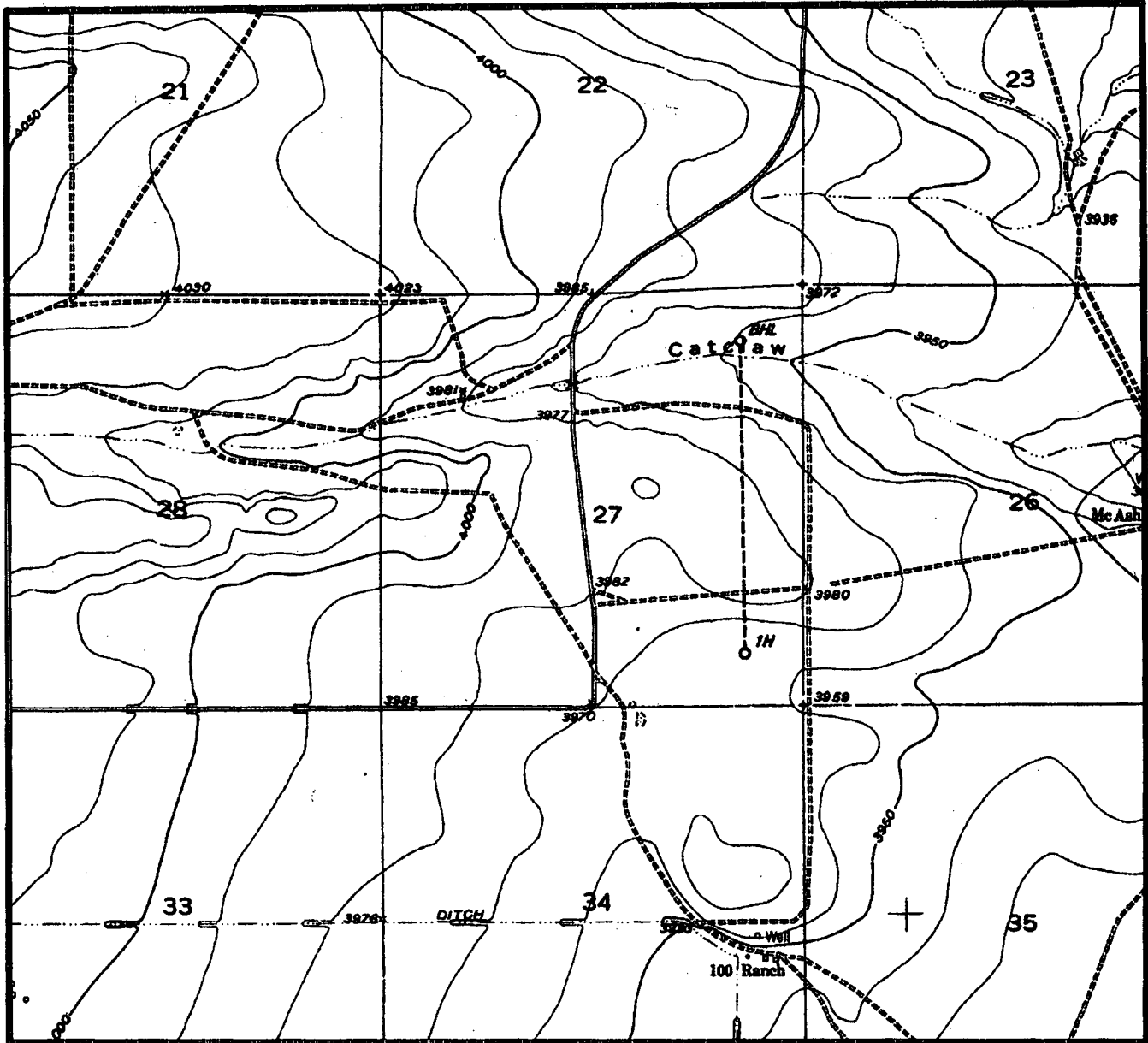
This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Name and title: Mark Ellerbe, Operations/Drilling Engineer,

Signature: Mark Ellerbe

Date: 3-1-06

# LOCATION & ELEVATION VERIFICATION MAP



Ranch  
House  
"McAhan"

SCALE : 1" = 2000'

CONTOUR INTERVAL 10'

SECTION 27 TWP 17-S RGE 23-E

SURVEY NEW MEXICO PRINCIPAL MERIDIAN

COUNTY EDDY STATE NM

DESCRIPTION 660' FSL & 690' FEL

ELEVATION 3962'

OPERATOR DAVID H. ARRINGTON OIL & GAS

LEASE BROWN STEELIE STONE FED COM #1H

U.S.G.S. TOPOGRAPHIC MAP

HOPE, NEW MEXICO

SCALED LAT. LAT.: N 32.8005849

LONG. LONG.: W 104.6730722

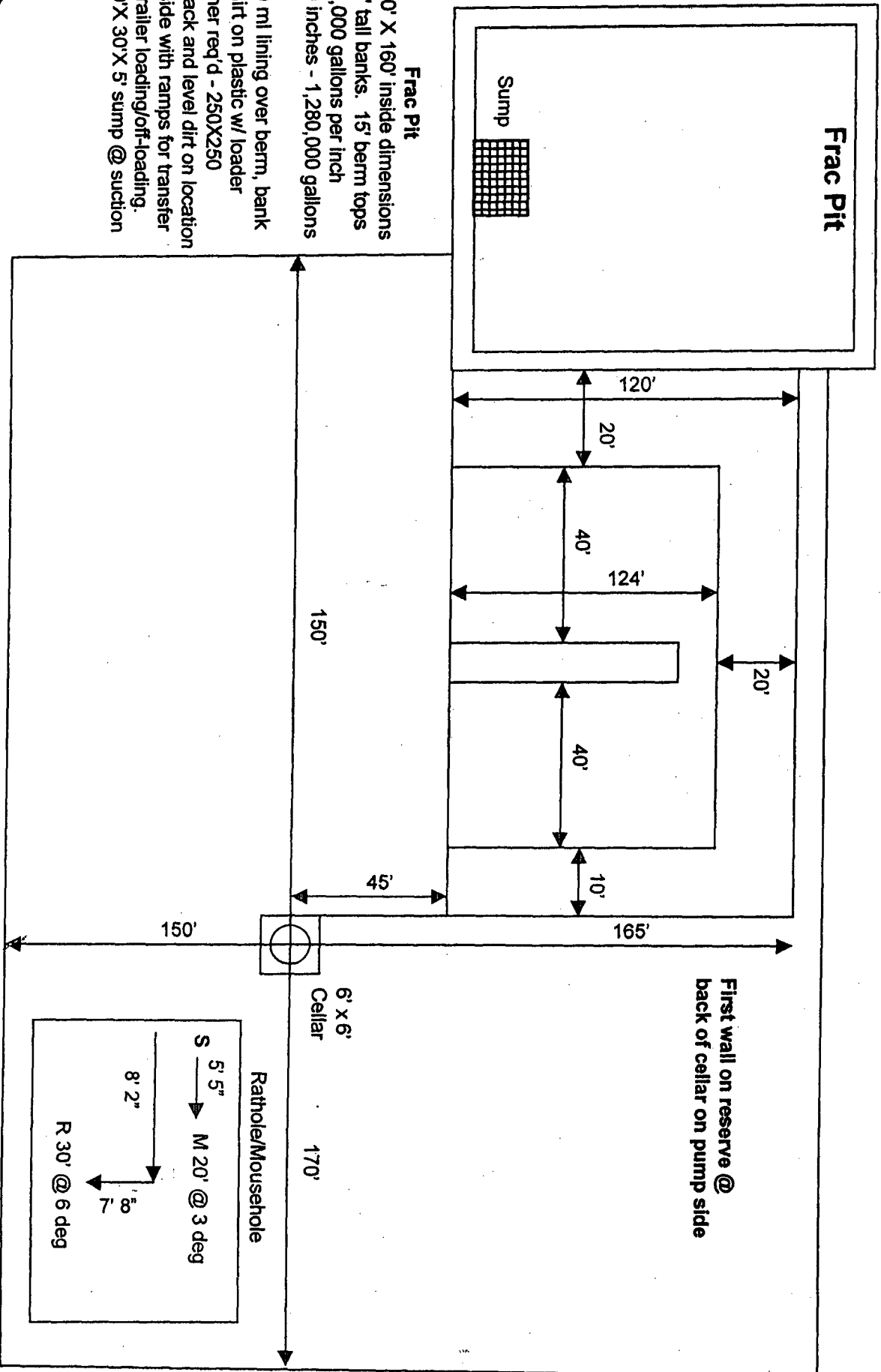


## TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

2903 N. BIG SPRING  
MIDLAND, TX. 79705  
(800) 767-1853

# Patterson Rig 624 Location Layout w/ Frac Pit



## CONDITIONS OF APPROVAL - DRILLING

Operator's Name: David H. Arrington Oil & Gas, Inc. Well No. 1H -- Brown Steelie Stone Fed Com  
Location: SH: 660' FSL & 690' FEL BH: 660' FNL & 760' FEL sec. 27, T. 17 S., R. 23 E.  
Lease: NM-100528

.....

### I. DRILLING OPERATIONS REQUIREMENTS:

1. The Bureau of Land Management (BLM) is to be notified at (505) 234-5972 in sufficient time for a representative to witness:
  - A. Spudding
  - B. Cementing casing: 8-5/8 inch 5-1/2 inch
2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
3. Include the API No. assigned to well by NMOCD on the subsequent report of setting the first casing string.
4. A Communitization Agreement covering the acreage dedicated to this well must be filed for approval with the BLM. The effective date of the agreement shall be prior to any sales.

### II. CASING:

1. 8-5/8 inch surface casing should be set at approximately 1300 feet, below usable water and circulate cement to the surface. If cement does not circulate to the surface, the BLM Carlsbad Field Office shall be notified at (505) 234-5972 and a temperature survey or cement bond log shall be run to verify the top of the cement. Remedial cementing shall be completed prior to drilling out that string.
2. Minimum required fill of cement behind the 5-1/2 inch production casing is sufficient to tie back 500 feet above the uppermost perforation in the pay zone.

### III. PRESSURE CONTROL:

1. Before drilling below the 8-5/8 inch surface casing, the blowout preventer assembly shall consist of a minimum of One Annular Preventer or Two Ram-Type Preventers and a Kelly Cock/Stabbing Valve.
2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 2000 psi.
3. Before drilling below the 8-5/8 inch surface casing, the BOPE shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.
  - A. The results of the test will be reported to the BLM Carlsbad Field Office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292.
  - B. Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.
  - C. Testing must be done in a safe workman like manner. Hard line connections shall be required.
  - D. A variance to test the BOPE to the reduced pressure of 2000 psi prior to drilling below the 8-5/8 inch surface casing is approved.