

RCUD MAY 18 '07
OIL CONS. DIV.
DIST. 3

Form 3160-3
(August 1999)

2007 MAY -9 AM 11:36

FORM APPROVED
OMB NO. 1004-0136
Expires: November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED
BLM
210 FARMINGTON NM NM 104608

1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM NM NM 104608
b. TYPE OF WELL <input type="checkbox"/> OIL <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 Coleman Oil & Gas, Inc.		7. If Unit or CA Agreement, Name and No.
3a. Address P.O. Drawer 3337, Farmington N.M. 87499		8. Lease Name and Well No. Juniper West 22 #32
3b. Phone No. (include area code) (505) 327-0356		9. API Well No. 30-045-34313
4. Location of well (Report location clearly and in accordance with any State requirements.) At surface 1700' FNL, 1700' FEL Latitude 36.301535°, Longitude 107.987042° At proposed prod. zone		10. Field and Pool, or Exploratory Basin Fruitland Coal
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* South East of Farmington New Mexico on County RD. 7610 approximately 60 miles.		11. Sec., T., R., M., or Blk. And Survey or Area G Section 22, T24N, R11W
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg unit line, if any) 850	16. No. of Acres in lease 840.32	12. County or Parish San Juan
17. Spacing Unit dedicated to this well 320 ACRES E/2	13. State NM	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2705	19. Proposed Depth 1165'	20. BLM/ BIA Bond No. on file NM-2817 BLM Blacklet Bond #08510612
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6441'	22. Aproximate date work will start* August-07	23. Estimated Duration 2 Weeks

24. Attachments

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 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 <i>Michael T. Hanson</i>	Name (Printed/ Typed) Michael T. Hanson	DATE 3-May-07
Title Operations Engineer		2
Approved By (Signature) <i>[Signature]</i>	Name (Printed/ Typed) AFM	DATE 5/17/07
Title AFM	Office FFO	

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.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.

*See Instructions On Reverse Side

✓
NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOCD

B 5/18

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

DISTRICT II
811 South First, Artesia, N.M. 88210

OIL CONSERVATION DIVISION

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

P.O. Box 2088
Santa Fe, NM 87504-2088

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87504-2088

2007 MAY -9 AM 11:36
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION REPEATED

¹ API Number 30-045-34313	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 36506	⁵ Property Name JUNIPER WEST 22	⁶ Well Number 32
⁷ GRID No. 4838	⁸ Operator Name COLEMAN OIL & GAS, INC.	⁹ Elevation 6441

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	22	24 N	11 W		1700	NORTH	1700	EAST	SAN JUAN

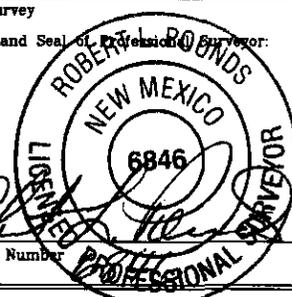
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320.62	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

RCVD MAY 18 '07
OIL CONS. DIV.
DIST. 3

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

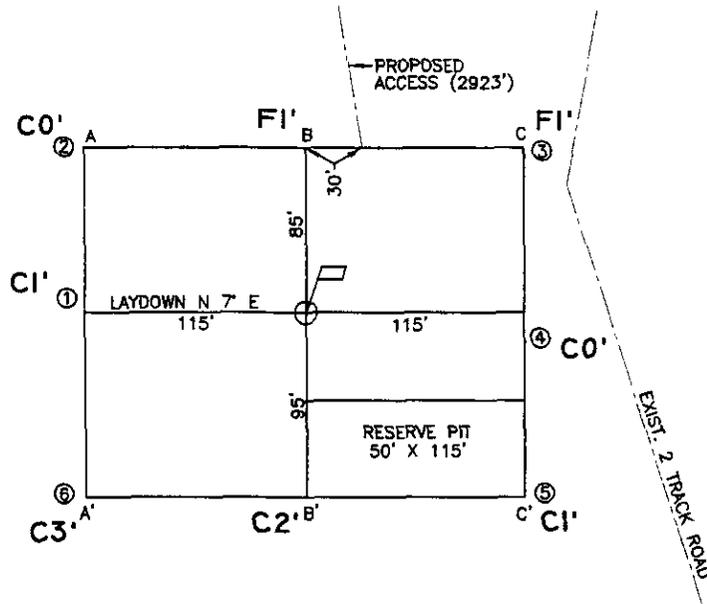
¹⁶ S 89°09'30" E 2547.04' 2619.93' N 0°57'51" E 2629.51' N 0°45'01" E N 89°07'30" W 2556.63'	SECTION 22 LAT. N 36.301535° LONG. W 107.987042° NAD 83	S 89°09'27" E 1700' 1700' N 89°09'28" W 2613.56'	2547.00' 1700' 2626.65' S 0°02'25" W 2624.78' S 0°00'43" W	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <u>Michael T. Hanson</u> Printed Name: <u>Michael T. HANSON</u> Title: <u>OPERATIONS Engineer</u> Date: <u>May 3, 2007</u>
				¹⁸ SURVEYOR CERTIFICATION 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: <u>9/15/06</u> Signature and Seal of Professional Surveyor:
				
				Certificate Number:

2

NOTIFY
NEW MEXICO ONE-CALL
BEFORE COMMENCING
EXCAVATION!
(800) 321-2537



0 50 100
SCALE: 1"=100'



A-A' E

6460				
6450				
6440				
6430				
6420				

B-B' E

6460				
6450				
6440				
6430				
6420				

C-C' E

6460				
6450				
6440				
6430				
6420				

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=100'

LEASE: JUNIPER WEST 22 #32
FOOTAGE: 1700' FNL, 1700' FEL
SEC. 22 TWN. 24 N RNG. II W N.M.P.M.
LATITUDE: N 36.301535° LONGITUDE: W 107.987042°
ELEVATION: 6441

COLEMAN OIL & GAS, INC.
FARMINGTON, NEW MEXICO

SURVEYED: 9/15/06	REV. DATE:	APP. BY R.P.
DRAWN BY: A.D.	DATE DRAWN: 9/19/06	FILE NAME: 7152C01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

Thursday, May 3, 2007

OPERATIONS PLAN

Well Name: Juniper West 22 #32
Location: 1700' FNL, 1700' FEL, Section 22, T-24-N, R-11-W, NMPM
San Juan County, NM
Formation: Basin Fruitland Coal
Elevation: 6441' GL

Formation:	Top	Bottom	Contents
Nacimiento	Surface	155'	Aquifer
Ojo Alamo	155'	360'	Aquifer
Kirtland	360'	675'	
Fruitland	675'	965'	Gas
Pictured Cliffs	965'	1165'	Gas
Total Depth	1165'		

Drilling Contractor: Availability

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0' - 120'	Spud	8.4 - 9.0	40 - 50	No Control
120' - 1165'	Non-dispersed	8.4 - 9.0	30 - 60	6cc or less

Logging Program: Porosity Log - Triple Litho Density W/ GR and CAL.
Induction Log - Array Induction W/ GR and SP

Coring Program: None

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 120'	8 5/8"	24#	J-55 or K-55
7 7/8"	120' - 1165'	5 1/2"	15.5#	J-55 or K-55

Tubing Program:

0' - 995'	2 7/8"	6.50#	J-55
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Float Equipment:

8 5/8" surface casing - saw tooth guide shoe. One Centralizer.

5 1/2" production casing - Cement guide shoe and self fill insert float collar. Place float one joint above shoe. Five centralizers spaced every other joint above shoe and five centralizers every other joint from top of well straddling Ojo Alamo.

Wellhead Equipment:

8 5/8" x 5 1/2" Braiden Head and 5 1/2" x 2 7/8" Tubing Head. Independent Well Head assembly with a minimum rated working pressure of 1000 psig.

Cementing:

8 5/8" Surface Casing -

Cement with 92 sacks Class "B" cement with 1/4# celloflake/sx and 2% calcium chloride (108.56 cu. ft.) of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 750 psi/30 minutes.

5 1/2" Production Casing -

Before cementing circulate hole with at least 1 1/2 hole volumes of mud. Precede cement with 20 bbls of fresh water. Lead with 107 sacks (279.27 cu. ft) of Class "G" with 3% D79 and 1/4# Per sack D29. (Yield = 2.61 cu. ft. /sack; slurry weight = 11.7 PPG). Tail with 90 sacks (113.4 cu. ft.) of Class "G" 50/50 POZ with 2% GEL D-20, 5# Per sack Gilsonite, .1% D46, 1% S-1 and 1/4# Per sack D29. (Yield = 1.26 cu. ft./sack; slurry weight = 13.5 PPG). Total cement volume is 392.67 cu. ft. (100% excess on open hole, calculated on cement volumes).

BOP and Tests:

Surface to Surface Total Depth – None

Surface TD to Total Depth – Annular or Double Ram Type 2000 psi (minimum) double gate BOP stack (Reference Figure #1, #2, #3). Prior to drilling out surface casing, test blind rams and casing to 750 psig for 30 minutes; all pipe rams and choke assembly to 750 psig for 30 minutes each.

From Surface TD to Total Depth - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

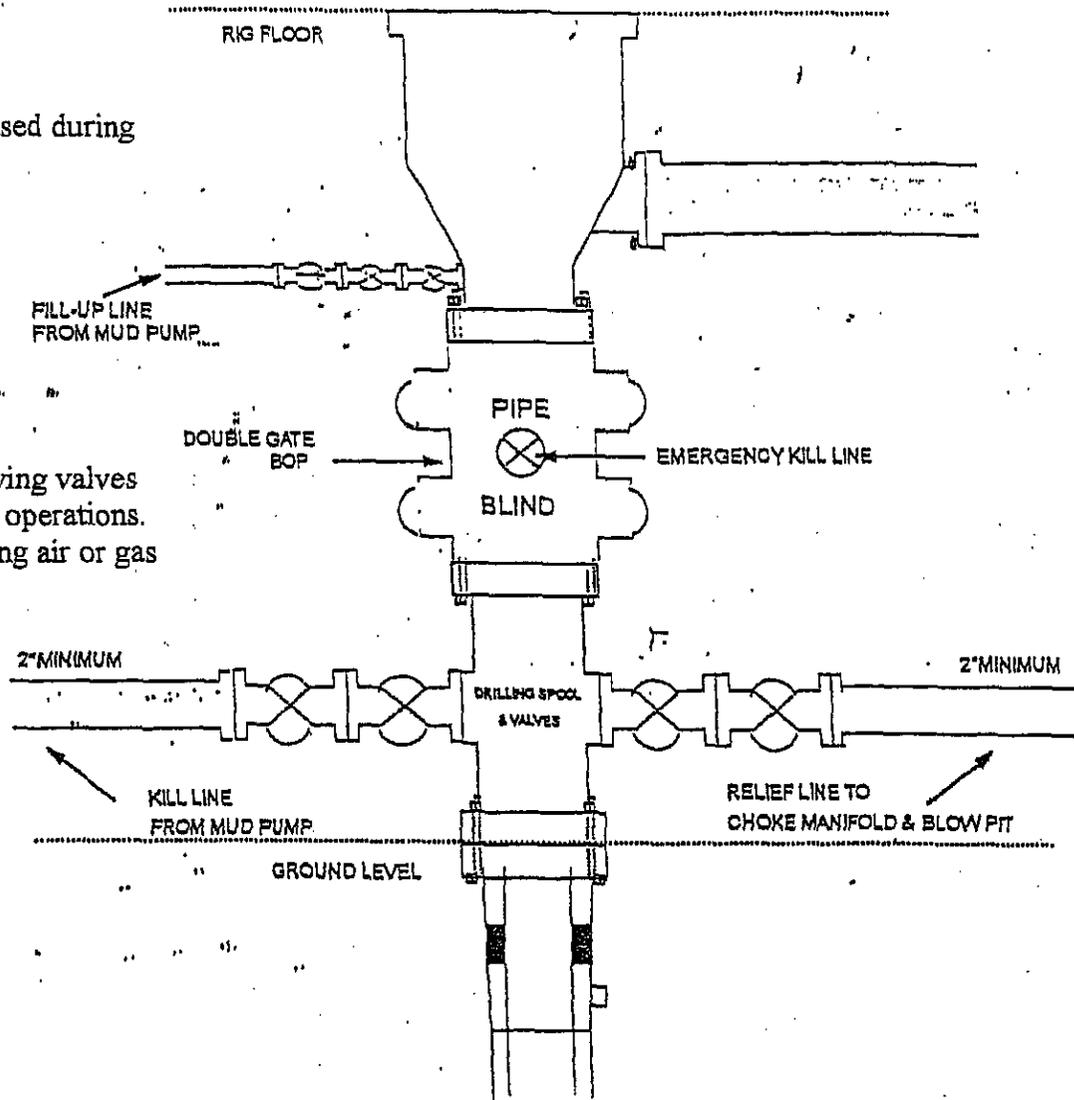
- The Fruitland Coal formation will be completed.
- Anticipated pore pressure for the Fruitland is 250 psi.
- New casing will be utilized.
- Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

Date: May 3, 2007 Drilling Engineer: Michael T. Gano

BOP Configuration 2M psi System

Rotating head will be used during air or gas drilling only.

Drilling spool single wing valves during normal drilling operations.
Dual wing valves during air or gas drilling.



13 5/8" and 11" Bore, 2000psi minimum working pressure double gate BOP to be equipped with blind and pipe rams: A Schaffer Type 50 or equivalent rotating head to be installed on the top of the BOP. All equipment is 2000psi working pressure/ or greater.

FIGURE #1

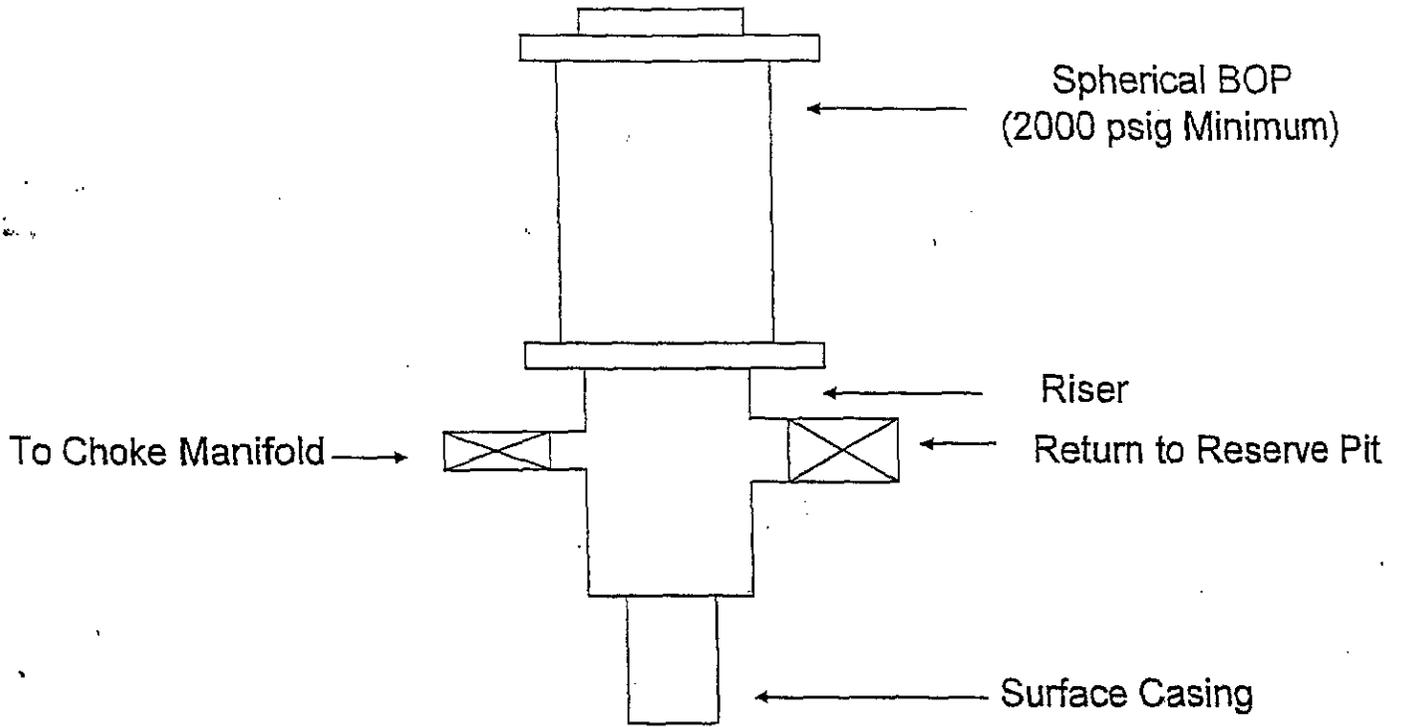
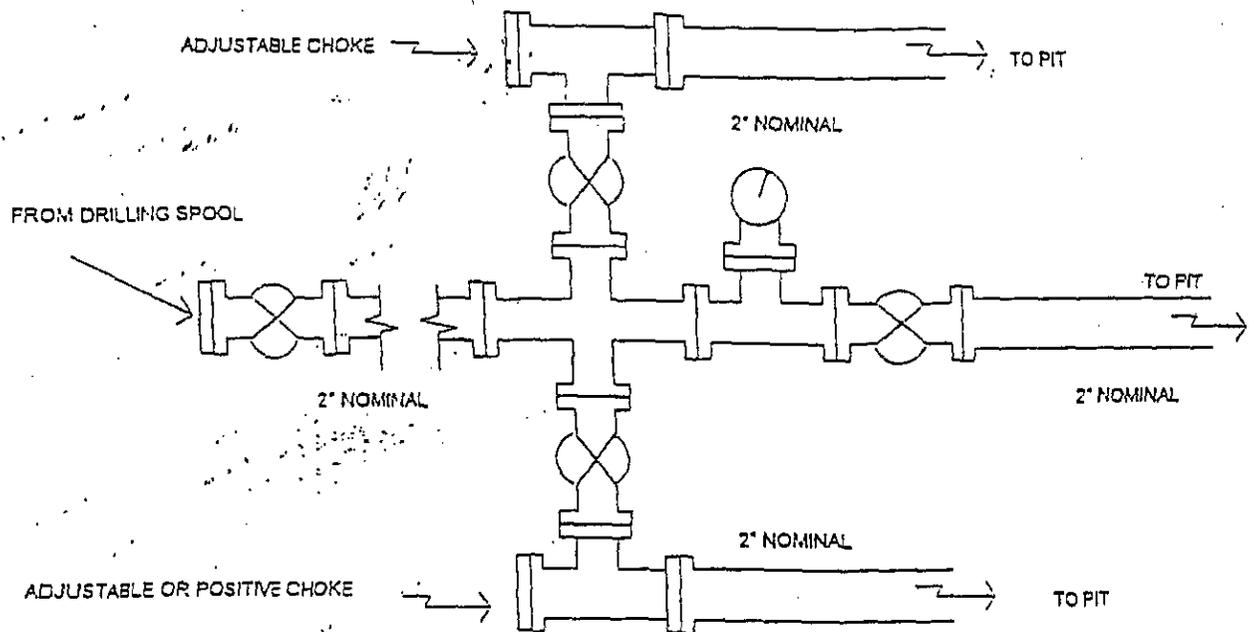


FIGURE #2

Choke Manifold Configuration 2M System



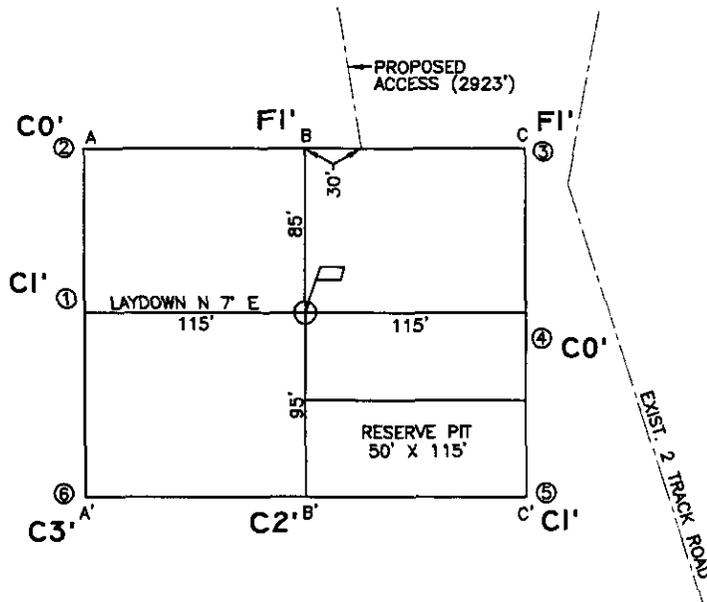
Minimum choke manifold installation from surface to Total Depth.
2" minimum, 2000psi working pressure equipment with two chokes.

Figure #3

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0 50 100
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