

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

5. Lease Number
NM-02151-B
Unit Reporting Number
Farmington, NM

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company

7. Unit Agreement Name
San Juan 30-6 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name
San Juan 30-6 Unit

9. Well Number
#141

4. Location of Well
1775' FNL, 1770' FEL
2475' 1560'
Latitude 36° 46.2926, Longitude 107° 36.3634

10. Field, Pool, Wildcat
La Jara Pictured Cliffs

11. Sec., Twn, Rge, Mer. (NMPM)
H Sec. 33, T30N, R7W
API # 30-045-3003927621

14. Distance in Miles from Nearest Town
20.4 miles from Blanco

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1770'

16. Acres in Lease

17. Acres Assigned to Well
160 NE/4

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
706'

19. Proposed Depth
3500'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6375 GR
6309

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Opri Clark
Regulatory Specialist

Date 3/31/04

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

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

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 27691	*Pool Code 96199	*Pool Name La Jara Pictured Cliffs
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 141
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	*Elevation 6309'

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	33	30-N	7-W		2475	NORTH	1560	EAST	RIO ARriba

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
Dedicated Acres PC - 160			Joint or Infill		Consolidation Code 320 acres for revenue purposes for the Pictured Cliffs 160 acres for density purposes for the Pictured Cliffs		Order No.		

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

Reissued to show amended location	FD 2 1/2" G.L.O. BC 1914	N 89-45-46 W	2647.35' (M)	FD 2 1/2" G.L.O. BC 1914	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>Nancy Oltmanns</u> Printed Name <u>Nancy Oltmanns</u> Title <u>Senior Staff Specialist</u> Date <u>9-2-04</u>
			2475'		
	LAT: 36°46.1761' N. (NAD 27) LONG: 107°34.3211' W. (NAD 27)				
		33	1560'		
		USA NM-02151-B			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. Signature <u>JOHN A. VUKONIG</u> Printed Name <u>JOHN A. VUKONIG</u> Title <u>REGISTERED PROFESSIONAL SURVEYOR</u> Date <u>9-2-04</u> Certificate Number <u>14831</u>
				FD 2 1/2" G.L.O. BC 1913	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2004 SEP 28 PM 3:50

Lease Number
NMNM-02151B1. Type of Well
GAS

RECEIVED

OTC FARMINGTON NM

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

2475' FNL, 1560' FEL, Sec. 33, T-30-N, R-7-W, NMPM

San Juan 30-6 Unit
8. Well Name & Number
San Juan 30-6 U #141
9. API Well No.
30-039-
10. Field and Pool
La Jara Pict. Cliffs
11. County and State
Rio Arriba Co, NM ✓

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

Type of Action

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other - Amended location☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection

13. Describe Proposed or Completed Operations

The location for the subject well has been moved from 1775' FNL, 1770' FEL, to 2475' FNL, 1560' FEL. Attached is a new C-102 plat, operations plan, topographic map, cut and fill diagram, archeology report and Threatened and Endangered Survey.



14. I hereby certify that the foregoing is true and correct.

Signed Nancy Oltmann Title Senior Staff Specialist Date 9/2/04

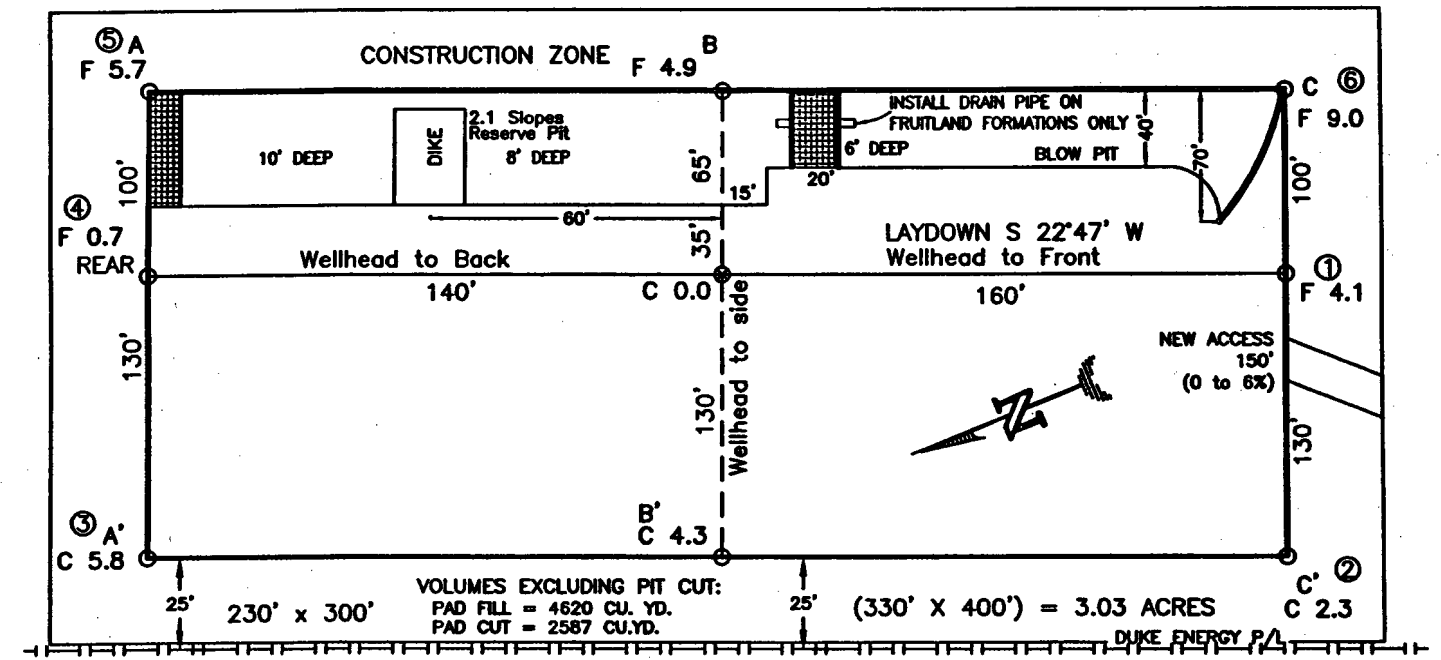
(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM Date 10/13/04

CONDITION OF APPROVAL, if any:

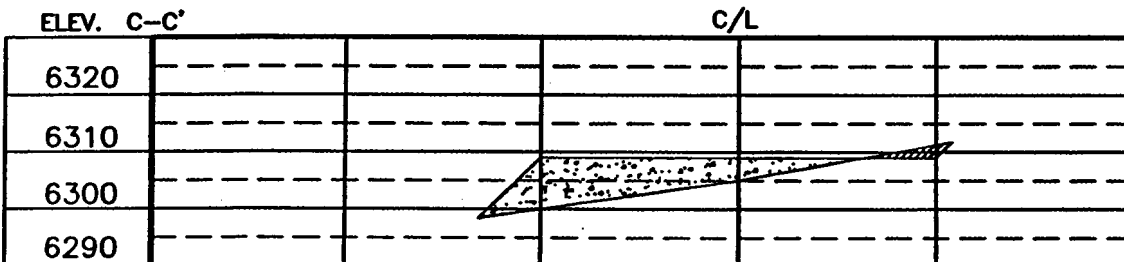
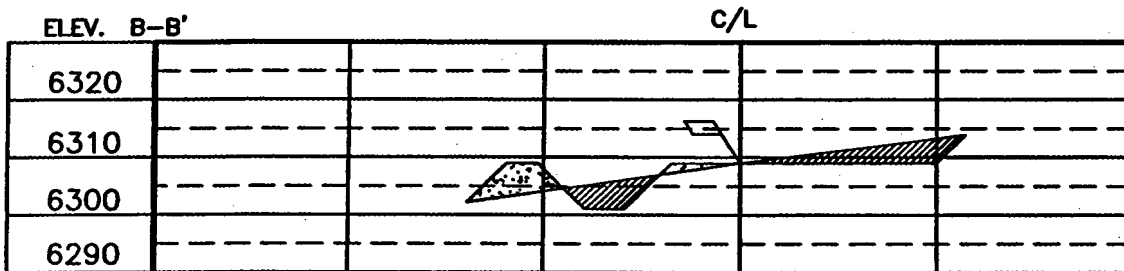
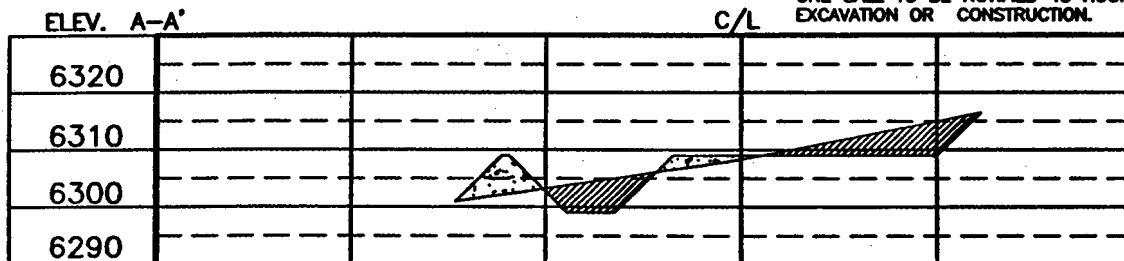
NMOCOD

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 30-6 UNIT No. 141, 2475 FNL 1560 FEL
SECTION 33, T-30-N, R-7-W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO
GROUND ELEVATION: 6309, DATE: JUNE 17, 2004



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.



NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISION	DATE	REVISION	DATE
RESTAKE WELL LOC.	6/24/04	BL	

Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 15088 • Farmington, NM 87401
 Phone (505) 326-1772 • Fax (505) 326-6018
 COLORADO L.S. No. 20893
 CDPLS BR292CFB
 DATE 10/24/03

Drawn by: A.G.
 North BR492

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #141
Location: 2475' FNL, 1560' FEL, Section 33, T-30-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 46.1761'N, Longitude 107° 34.3211'W
Formation: La Jara Pictured Cliffs
Elevation: 6309' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2106'	
Ojo Alamo	2106'	2316'	aquifer
Kirtland	2316'	2961'	gas
Fruitland Coal	2961'	3176'	gas
Pictured Cliffs	3176'	3311'	gas
Lewis	3311'		
Total Depth	3376'		

Logging Program:

Mud log - none
Open hole - none
Cased hole - CBL-CCL-GR TD to surface

Coring Program: None

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-3376'	FW	8.4-9.0	32-45	no control

Casing Program (as listed, equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 3376'	4 1/2"	10.5#	J-55

Tubing Program:

0' -3376'	2 3/8"	4.7#	J-55
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Float Equipment: 7" surface casing - saw tooth guide shoe.
Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Standard centralizers run every third joint above shoe to the base of the Ojo Alamo @ 2316'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2316'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 4 1/2" x 2 3/8" 2000 psi screw on independent wellhead.

Cementing:

7" surface casing pre-set drilled- cement with 11 sxs Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.61 cu ft per sack yield. (Bring cement to surface). Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

7" surface casing conventionally drilled - cement with 42 sxs Type III cement with 0.25 pps Celloflake, 2% calcium chloride. (200% excess, bring cement to surface). Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - Lead w/184 sx Premium Lite cement w/3% calcium chloride, 0.25 pps Flocele, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate. Tail w/90 sx Type III cement w/1% calcium chloride, 0.25 pps Flocele, and 0.2% fluid loss (515 cu.ft. of slurry, 50% excess to circulate to surface).

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

BOP and tests:

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test BOP and casing to 600 psi/30 min.

Alternate Surface to TD - 7 1/16" 2000 psi (minimum) single spherical annular BOP stack (Reference Figure #1A). Prior to drilling out surface casing, test BOP and casing to 400 psi/30 min.

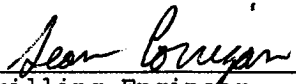
Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test BOP and casing to 2000 psi/15 min.

From surface to TD - choke manifold (Reference Figure #3).

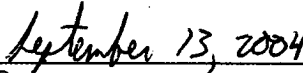
Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- * The Pictured Cliffs formation will be completed.
- * Anticipated pore pressure for the Pictured Cliffs is 500 psi.
- * This gas is dedicated.
- * The northeast quarter of Section 33 is dedicated to the Pictured Cliffs.



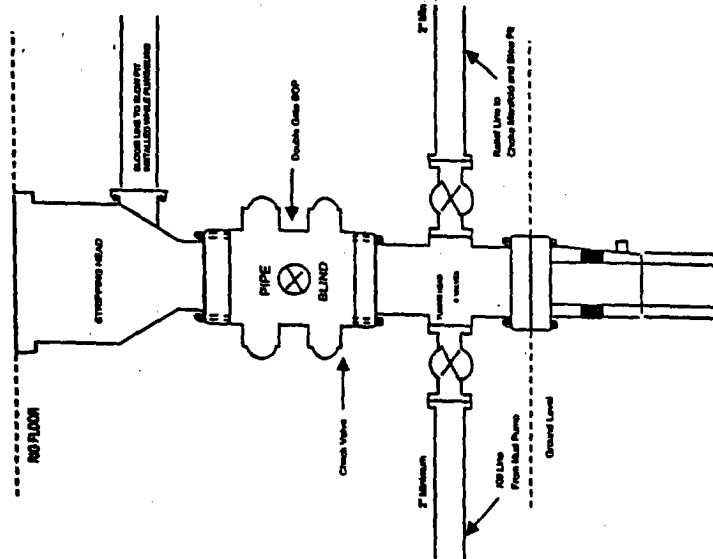
Drilling Engineer



Date

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 2,000 psi System

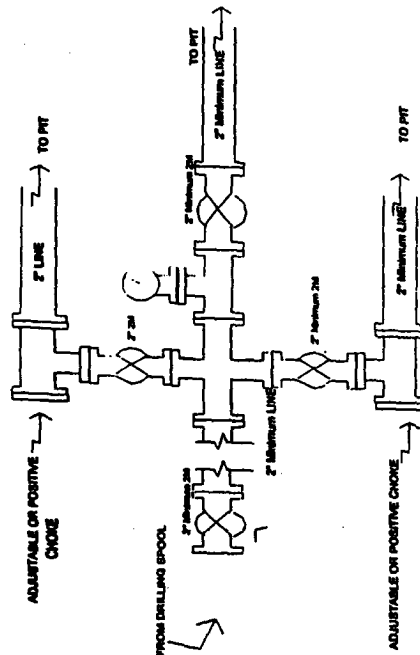


Minimum BOP Installation for all Completion/Workover Operations. 7-1/16" bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

Figure #2

BURLINGTON RESOURCES

Drilling Rig Choke Manifold Configuration 2000 psi System

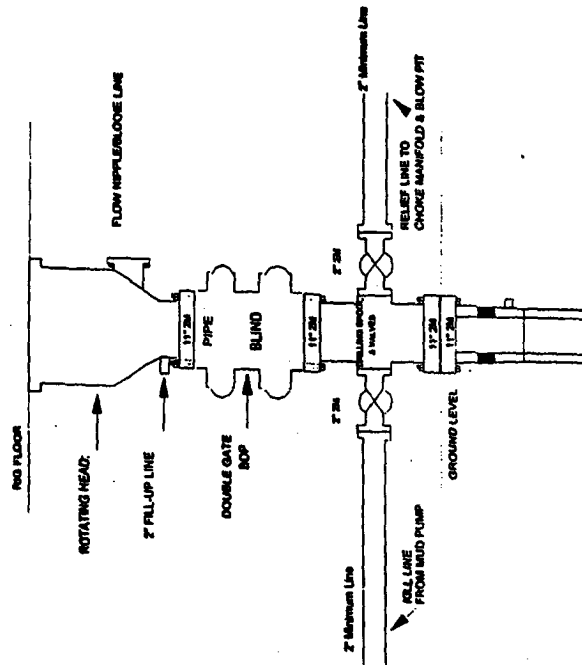


Choke manifold Installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

Burlington Resources

Drilling Rig 2000 psi System



BOP Installation from Surface Casing Point to Total Depth. 11" Bore 10" Nominal, 2000 psi working pressure double gate BOP to be equipped with blind rams and pipe rams. A 500 psi rotating head on top of ram preventers. All BOP equipment is 2,000 psi working pressure

Figure #1

2000 psi BOP System

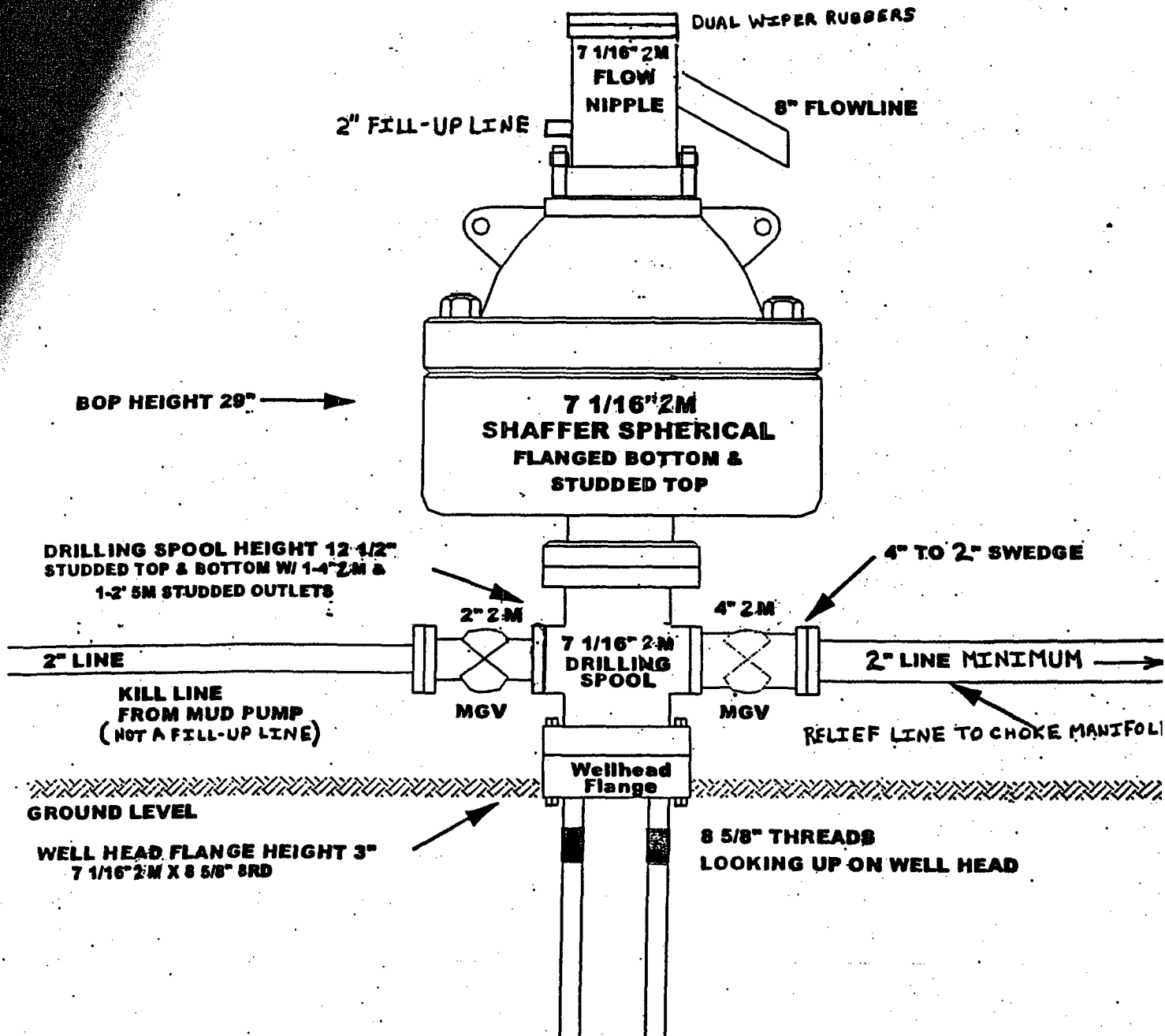


FIGURE 1A