

District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-059-20384
5. Indicate Type Of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <u>Lost Hole</u>		7. Lease Name or Unit Agreement Name Bravo Dome Carbon Dioxide Gas Unit 1934	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER			
2. Name of Operator OXY USA Inc. 16696		8. Well No. 222	
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250		9. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640	
4. Well Location Unit Letter <u>J</u> : <u>1673</u> Feet From The <u>south</u> Line and <u>1641</u> Feet From The <u>east</u> Line Section <u>22</u> Township <u>19N</u> Range <u>34E</u> NMPM Union County			
10. Date Spudded 8/21/02	11. Date T.D. Reached 8/27/02	12. Date Compl. (Ready to Prod.) ----	13. Elevations (DF & RKB, RT, GR, etc.) 4799'
14. Elev. Casinghead			
15. Total Depth 2163'	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name ----			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run ---			22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	730''	12-1/4"	300sx	N/A

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					---	---	---

26. Perforation record (interval, size, and number) ---	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	1538-2103'	150sx C1 H cmt + 2% CaCl2
	1342-1538'	50sx C1 H cmt + 2% CaCl2
	579-775'	50sx C1 H cmt + 2% CaCl2

28. PRODUCTION							
Date First Production ---		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) P&A	
Date of Test ---	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
30. List Attachments Deviation Svy							
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature <u>David Stewart</u>		Printed Name David Stewart		Title Sr. Reg Analyst		Date <u>10/29/02</u>	

Oxy Permian LTD
P.O. Box 4294
Houston, Texas 77210-4294

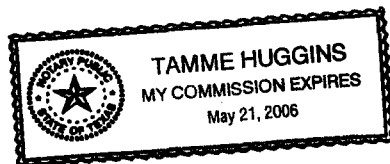
Bravo Dome Unit #1934-222J
Union County, NM

491	4.91	1/2	0.88	4.30	4.30
729	7.29	1	1.75	12.76	12.76
1292	12.92	1	1.75	22.61	22.61
1760	17.60	1 1/2	2.63	46.20	46.20



Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 3rd day of September 2002 by Michael Roghair - General Manager, CapStar Drilling, Inc.





Notary Public

Oxy Permian LTD
P.O. Box 4294
Houston, Texas 77210-4294

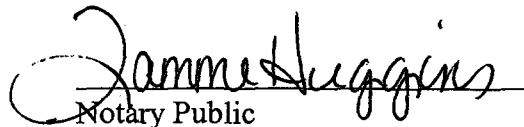
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Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 3rd day of September 2002 by Michael Roghair - General Manager, CapStar Drilling, Inc.




Notary Public

Submit 3 Copies To Appropriate District
Office
District I
625 N. French Dr., Hobbs, NM 87240
District II
11 South First, Artesia, NM 87210
District III
000 Rio Brazos Rd., Aztec, NM 87410
District IV
040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO. 30-059-20384
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. ---
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1934
8. Well No. 222
9. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 4799'

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:

Oil Well ☐ Gas Well ☐ Other CO2 Supply Well

Name of Operator

OXY USA Inc.

16696

Address of Operator

P.O. Box 50250 Midland, TX 79710-0250

Well Location

Unit Letter J : 1673 feet from the south line and 1641 feet from the east line

Section 22 Township 19N Range 34E NMPM County Union

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
4799'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

REFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
REPAIR OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER:

☐ OTHER: Lost Hole

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☒
☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See Other Side

*C-105 & deviation survey will be filed as soon as the information needed to complete is received.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

NATURE Dr. Stet TITLE Sr. Regulatory Analyst DATE 9/5/02

or print name David Stewart

Telephone No. 915-685-5717

space for State use)

APPROVED BY Ky E. Johnson TITLE DISTRICT SUPERVISOR DATE 9/12/02

Conditions of approval, if any:

BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 #222

08/22/2002 CMIC:Wayne Lucas

Rig up and spud 12 1/4" hole at 16:30 hours 08/21/2002. Drill to 729'. TD 12 1/4" hole at 02:00 hours 08/22/2002. Trip out of hole and rig up to run 8 5/8" casing.

08/23/2002 CMIC:Randy Baker

Ran 18 joints of 8 5/8" J-55 ST&C casing with 5 centralizers set at 728.82'. Cemented with 300 sx Premium Plus (14.8 ppg, 1.34 cuft/sx). Plug down at 14:00 Hrs 08/22/02. Circ 62 sx Cmt to surface. Waited on cement. Nippled up and tested blind rams and pipe rams. Tripped in hole and drilled cement. Drilled 729' - 1353'. Total WOC = 8.75 hrs.

08/24/2002 CMIC:Randy Baker

Drl to 1353' to 2097'. Lost Complete Returns. Pumped 4-60BBL 20# per bbl LCM pills. Followed with 120BBL 20# per bbl LCM Pill. Unable to fill Hole, Dry Drilled Break 2097' to 2102'. Tripped out of hole and laid down drill collars. Tripped in hole to 2002'. Spotted 100 sx Class H Cmt + 10#/sx Cal-Seal + 15#/sx Gilsonite + .5#/sx Flocele + 4% Gel + 2% Cal-Spot (13.5 PPG 1.92 cuft/sx).

08/25/2002 CMIC:Randy Baker

WOC a total of 12 Hrs. Loaded hole with mud. Hole held fluid. Tripped in hole and washed & reamed 900' to 1080'. Tag soft Cmt at 1750'. Washed & reamed to 1990' Drilled cement from 1990' to 2080'. Fell out of Cmt and well went on a vacuum. Unable to Load Hole. Tripped out of hole and laid down drill collars. Tripped in hole with drill pipe to 2082'. Spotted 175 sx Class H LCM Cmt. Tripped out of hole and waited on cement.

08/26/2002 CMIC:Randy Baker

Waited on cement for 12 hours. Loaded hole with mud. Held fluid. Tripped in hole with bit, drill collars, and drill pipe. Washed and reamed 880' - 1080'. Drilled cement from 1902' - 2082'. Fell through cement and drilled new formation from 2102' - 2108'. Lost full returns. Dry drilled from 2108' - 2163'. Drilled through void from 2130' - 2134'. Pumped 2 sixty barrel 25 pounds/barrel LCM pills. No returns. Tripped out of hole and laid down drill collars. Tripped in hole with drill pipe to 2150'. Spotted 150 sacks of LCM cement. Tripped out of hole. Started waiting on cement.

08/27/2002 CMIC:Randy Baker

WOC - Total of 12 Hrs x Load Hole x Held FL OK x TIH x Bit x DC x DP x Wash x Ream from 840' to 1436' x Lost Complete Returns TOH x 70,000# Drag x Very Tight Hole x Hole Packing Off around DC x Decision was made to P x A well. Per Roy Johnson NMODC TIH x DP x Wash x Ream x No Circulation to 2103' Unable to get past 2103' x Pump 150 sx Class H + 2% CaCl x TOH x DPSI 4 Hrs x WOC.

08/28/2002

TIH x DP x Tag T of Cmt @ 1538' x Spot 50 Class H + 2% CaCl from 1538 to 1342' x TOH x DP to 775' x Spot 50 sx Class H + 2% CaCl from 775' to 579' x TOH x DP x Spot 5 sx Cmt @ Surface Rig Released 10:00 am 8/27/02.

08/28/2002 10:00 AM

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
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2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address OKY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		² OGRID Number 16696
⁴ Property Code 27111	⁵ Property Name Bravo Dome Carbon Dioxide Gas Unit 1934	³ API Number 30- 059- 20384 ⁶ Well No. 222

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	22	19N	34E		1673	South	1641	East	Union

⁸ Proposed 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

⁹ Proposed Pool 1

Bravo Dome Carbon Dioxide Gas 640 96010

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code C	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4799'
¹⁶ Multiple No	¹⁷ Proposed Depth 2600'	¹⁸ Formation Tubb	¹⁹ Contractor N/A	²⁰ Spud Date 8/1/02

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	700'	300sxx	Surface
7-7/8"	5-1/2"	5.9#FG/15.5#	2600'	300sxx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE OTHER SIDE

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *David Stewart*
Printed name: **David Stewart**

Title: **Sr. Regulatory Analyst**

Date: **7/11/02** Phone: **915-685-5717**

OIL CONSERVATION DIVISION

Approved by: *R. J. Johnson*

Title: **DISTRICT SUPERVISOR**

Approval Date: **7/18/02** Expiration Date: **7/18/03**

Conditions of Approval:

Attached ☐

ATTACHMENT C-101
BDCDGU 1934 - 222

PROPOSED TD: 2600' TVD

BOP PROGRAM: 0-700' None

700-2600' 8" 3M blind & pipe ram with stripper head.

CASING: Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'
12-1/4" hole
Centralizers from TD-Surf, every fourth joint
Production: 5-1/2" OD new casing from 0-2600'
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG
7-7/8" hole - 5 centralizers

*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

CEMENT: Surface - Circulate cement with 300sx Premium Plus with 2% CaCl₂ + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl₂ + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx)
followed by 150sx Premium Plus with 3% CaCl₂ + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

MUD: 0-700' Fresh water/native mud.
Wt 8.6-9.2ppg, Vis 32-36sec
700-2600' Fresh water/Starch/Gel
pH control as needed.
Wt 9.0-9.2ppg, Vis 28-29sec

ESTIMATED FORMATION TOPS:

Tubb- 2135 ' Cimarron- 2117 ' San Andres- 1303 ' Santa Rosa- 970 '

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96010	³ Pool Name BRAVO DOME CARBON DIOXIDE GAS (640)
⁴ Property Code 27111	⁵ Property Name BRAVO DOME CARBON DIOXIDE GAS UNIT 1934	⁶ Well Number 222
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 4799.0

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
J	22	19 N	34 E		1673'	SOUTH	1641'	EAST	UNION

¹¹ Bottom Hole Location If Different From Surface

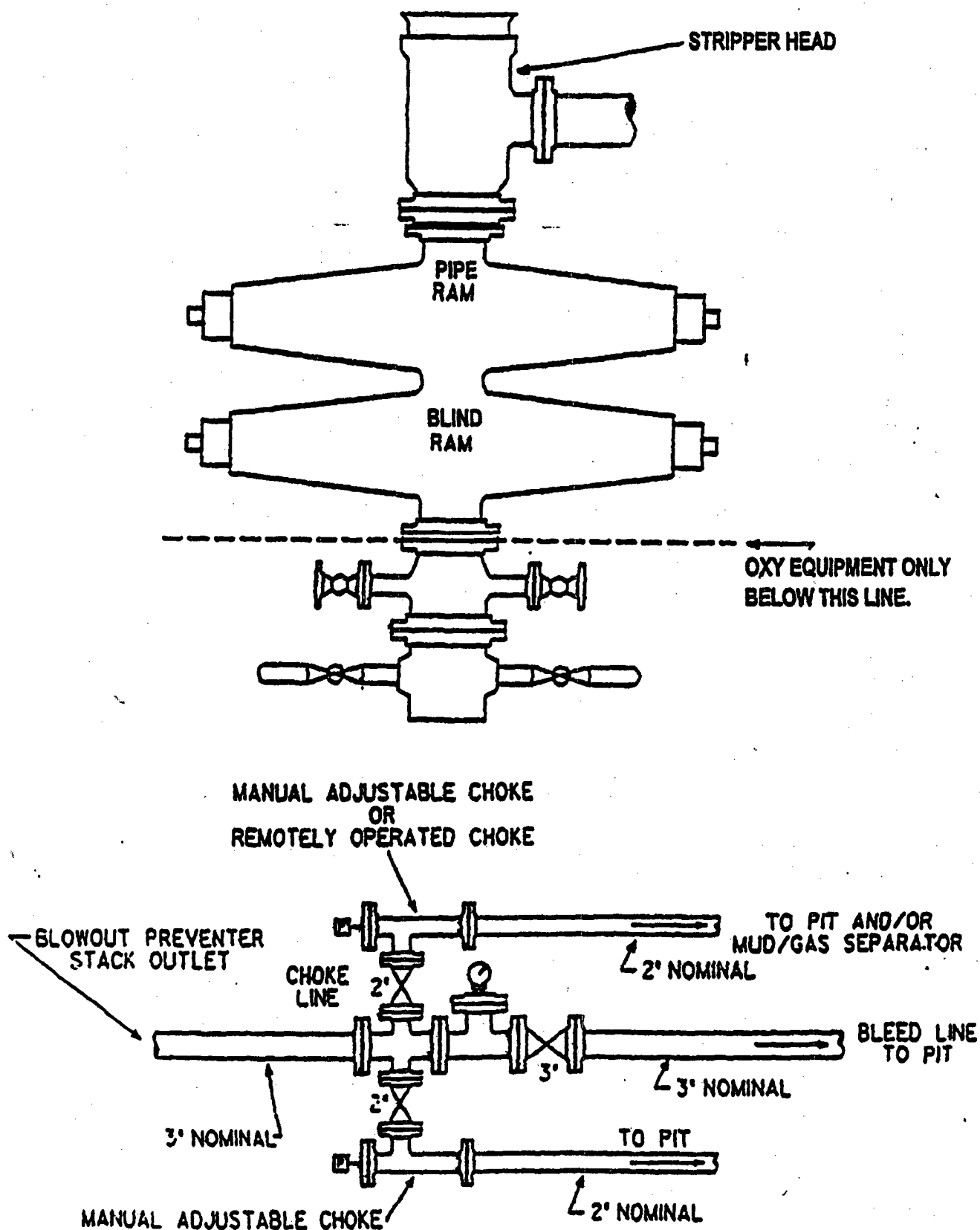
UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 640	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.
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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

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Stewart</i></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Sr. Regulatory Analyst</p> <p>Title</p> <p>7/11/02</p> <p>Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>June 3, 2002</p> <p>Date of Survey</p> <p><i>Jesse M. Martin</i></p> <p>Signature and Seal of Professional Surveyor</p> <p>Jesse M. Martin</p> <p>Certificate Number 7911</p>

3000 psi WORKING PRESSURE BOP



NOTE: ADEQUATE SUBSTRUCTURE REQUIRED TO ACCOMMODATE ROTATING HEAD, BAGS, RAMS, ETC.