

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

Oil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA WTP Limited Partnership /

3a. Address

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

3b. Phone No. (include area code)

1915-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FNL 1650 FEL NWNE(B) Sec 20 T17S R28E

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

OXY Grandslam Fed 1

9. API Well No.

30-015-30834 31700

10. Field and Pool, or Exploratory Area

Empire Penn

11. County or Parish, State

Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

OXY requests the following BOP, Casing and Cementing changes to the approved drilling permit.

BOP

400'-2100' 13-5/8" 3M annular preventer.

2100'-11400' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

CASING

Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-2100', 12-1/4" hole

Production: 5-1/2" OD 17# N80-S95 LT&C new casing from 0-10200', 8-3/4" hole

CEMENT

Intermediate - Circulate cement with 350sx 35:65 POZ/C with 6% Bentonite + 2% CaCl2 + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl2.

Production - Cement with 800sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 8#/sx Gilsontite followed by 75sx Cl C with .7% FL-25.

Estimated top of cement is 6000'.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

8/6/01

APPROVED

AUG - 9 2001
RIG. SGD.) LES BABYAK
LES BABYAK
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

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 representations as to any matter within its jurisdiction.

(Instructions on reverse)

2001 AUG - 7 AM 8:59
BUREAU OF LAND MGMT
ROCKWELL OFFICE

RECEIVED

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBJECT: **ARTESIA**
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ **DEEPEN** ☐

b. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
OXY USA Inc. **16696**

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 50250 MIDLAND, TX 79710-0250 915-685-5717

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface **660 FNL 1650 FEL NWNE (B)**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles southeast from Artesia, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N/A

19. PROPOSED DEPTH
10200'

20. ROTARY OR CABLE TOOLS
R

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Rooswell Controlled Water Basin 3269'

22. APPROX. DATE WORK WILL START*
2/15/01

5. LEASE DESIGNATION AND SERIAL NO.
LC-048479-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
OXY Grandslam Federal #1

9. API WELL NO.
30-015- 30834

10. FIELD AND POOL, OR WILDCAT
Empire Penn

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 20 T17S R28E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H40	48#	450'	360sx - Circulate
12 1/4"	9 5/8" K55	24#	2100'	515sx - Circulate
8 3/4"	4-1/2" N80	11.6#	10200'	825sx - Est TOC 6000'
	5 1/2"	17.0#		

SEE OTHER SIDE

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

This well was originally permitted 9/21/99 and was approved 11/10/99.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED David Stewart TITLE REGULATORY ANALYST DATE 4/6/01

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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:

APPROVED BY Joe M. Lara TITLE Acting FIELD MANAGER DATE 4/6/2001
 *See Instructions On Reverse Side **APPROVAL FOR 1 YEAR**

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BUREAU OF LAND NGVT
FOSWELL OFFICE

ATTACHMENT 3160--
OXY USA Inc.
OXY Grandslam Federal #1
SEC 20 T17S R28E
Eddy County, NM

PROPOSED TD: 10200' TVD

BOP PROGRAM: 0' - 400' None
400' - 2100' 11" 5M blind and pipe rams with 5M annular
preventer.
2100' - 10200' 11" 5M blind pipe rams with 5M annular
preventer and rotating head below 8500'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400'
Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-2100'
Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-10200'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite
+ 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.
Intermediate - Circulate cement with 315sx 35:65 POZ/C with 6%
Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal + 5#/sx Gilsonite
followed by 200sx Cl C with 2% CaCl₂.
Production - Cement with 750sx 15:61:11 POZ/C/CSE with
.5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C
with .7% FL-25.
Estimated top of cement is 6000'.

Note: Cement volumes may need to be adjusted to hole caliper.

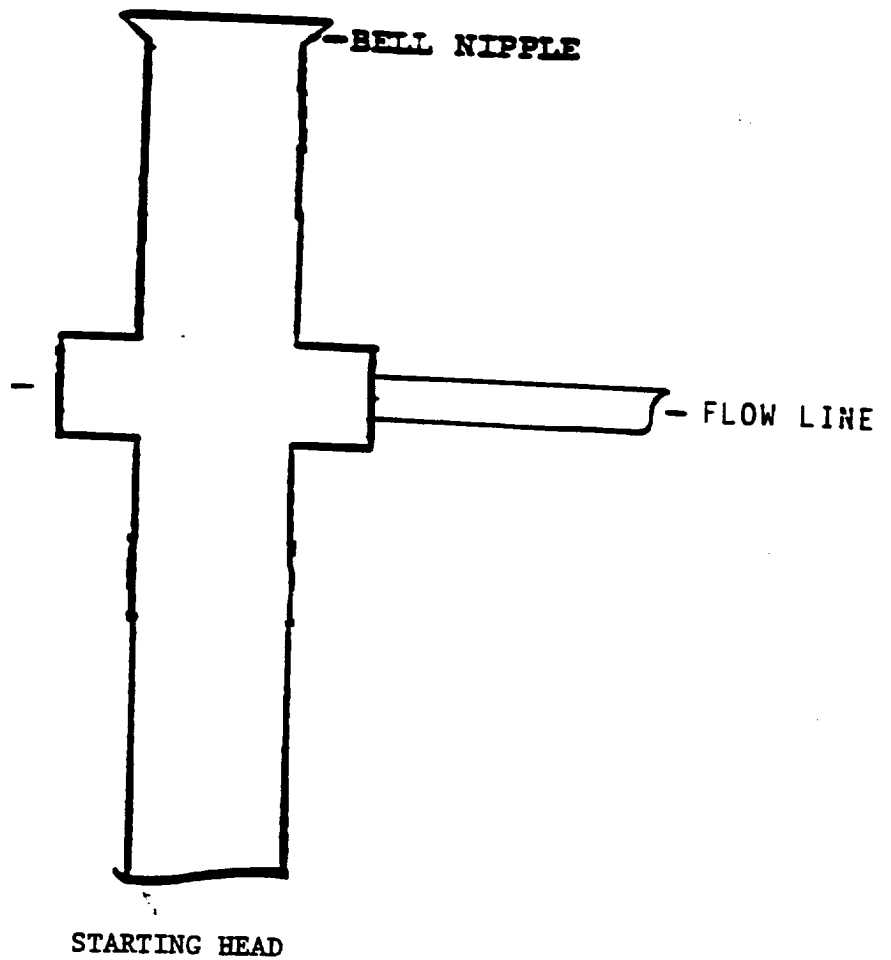
MUD: 0 - 400' Fresh water/native mud. Lime for pH control
(9-10). Paper for seepage.
Wt 8.7-9.2 ppg, Vis 32-34 sec
400' - 2100' *Fresh/Brine water. Lime for pH control
(10.0-10.5). Paper for seepage.
Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
*Fresh water will be used unless chlorides in
the mud system increase to 20000PPM.
2100' - 6900' Fresh water. Lime for pH control (9-9.5).
Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec
6900' - 9300' Cut brine. Lime for pH control (10-10.5).
Wt 9.6-10.0 ppg, Vis 28-29sec
9300' - 10200' Mud up with an Duo Vis/Flo Trol mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

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OCT 17 1978
OXY USA

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BUREAU OF LAND MANAGEMENT
ROSWELL OFFICE

EXHIBIT A

ANNULAR PREVENTOR
TO BE USED AS DIVERTOR ONLY

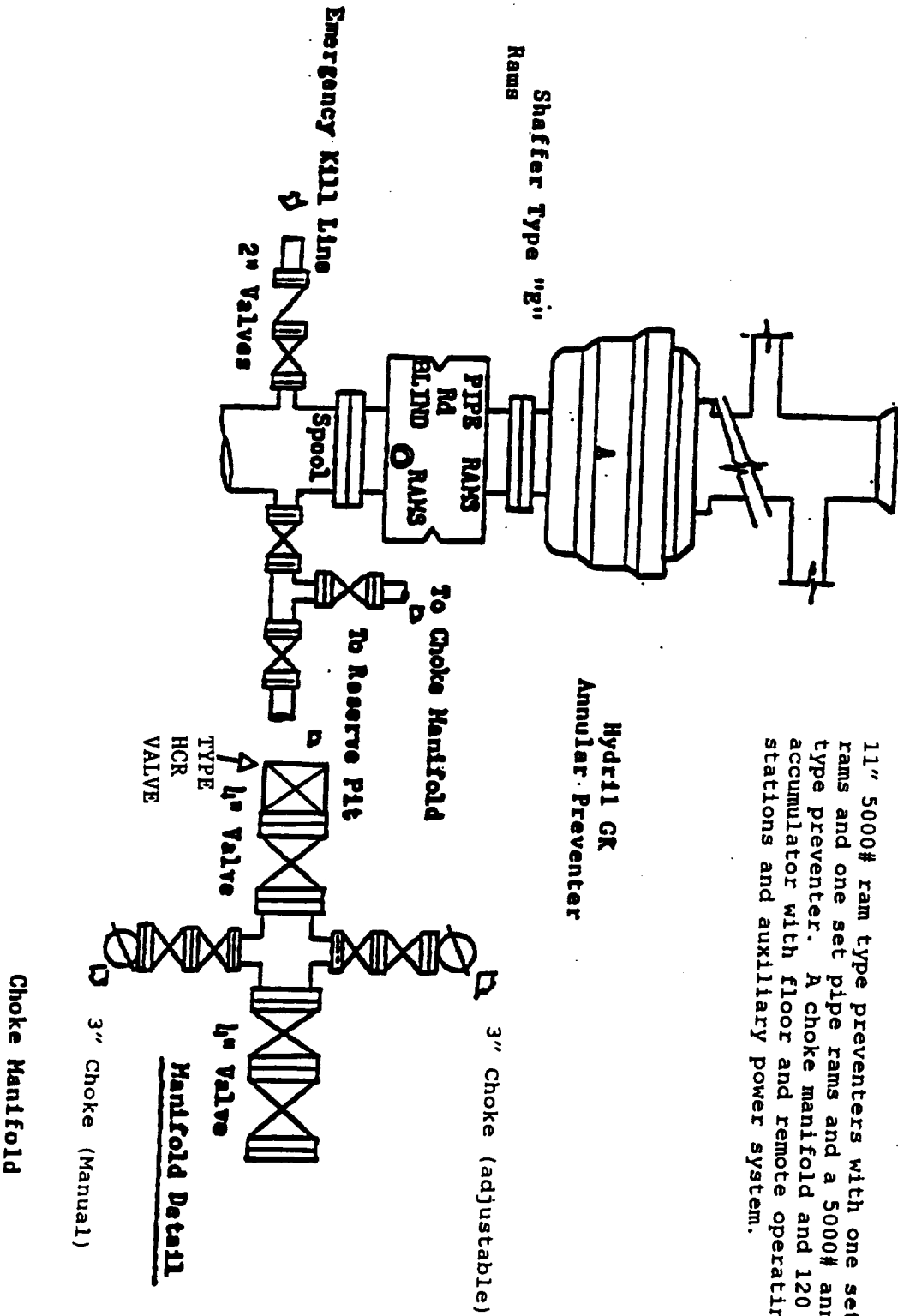


BUREAU OF LAND MANAGEMENT
ROSEMELL OFFICE

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BLOWOUT PREVENTOR SCHEME



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