

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERMIT IN-DOU TE*

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

BASE DESIGNATION AND SERIAL NO.

2034 05068

IF INDIAN ALLOTTEE OR TRIBE NAME

SIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

OXY Cougar Federal #1

9. APIWELL NO.

30-015-29950

10. FIELD AND POOL, OR WILDCAT

N. Turkey Track Morrow

11. SEC. T. R. M. ON BLOCK AND SURVEY OR AREA

Sec. 35 T18S R29E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. DESIGN ☐ OTHER ☐

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

990 FNL 990 FEL NENE(A)

At top prod. interval reported below

At total depth

14. PERMIT NO

DATE ISSUED

12/1/97

12. COUNTY OR PARISH
EDDY

13. STATE
NM

15. DATE SPUDDED

2/1/98

16. DATE T.D. REACHED

3/5/98

17. DATE COMPL. (Ready to prod.)

3/20/98

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

3431

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11760'

21. PLUG. BACK T.D., MD & TVD

11680'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

R

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

11271 - 11281' Morrow

25. WAS DIRECTIONAL SURVEY MADE

N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORRED

N/A

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8" H40	48#	401'	17 1/2"	10305x - Surface	—
8 5/8" K55	24-32#	3210'	11"	1300 5x - Circulated	—
4 1/2" P110	11.6#	11760'	7 7/8"	1600 5x - CBL-8650'	—

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	11159'	11136'

31. PERFORATION RECORD (Interval, size and number)

45PF@ 11271 - 11281' - Total 44 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	ACCEPTED FOR RECORD (ORIG. SGD) DAVID R. GLASS AUG 26 1998

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—see and type of)				WELL STATUS (Producing or Shut-in)	
3/20/98		Flowing				Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
4/19/98	24	17/64	→	61	2833	2	46443
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2600	—	→	61	2833	2	57.0	

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

J. Stinson

35. LIST OF ATTACHMENTS

3160-5, C122-4PT Test, Deviation Sur, Logs (2 sets)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

DAVID STEWART
REGULATORY ANALYST

SIGNED

TITLE

DATE

6/29/98
5/5/98

*(See instructions and Spaces for Additional Data on Reverse Side)

38. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Queen	2185'	
				Bone Spring	3852'	
				1st Bone Spring	7004'	
				Wolfcamp	9060'	
				Cisco	9876'	
				Ganton	10080'	
				Strawn	10356'	
				Atoka	10588'	
				Morrow	10830'	
				Mississippian	11590'	