

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
~~NM 12203~~, 12850, ~~15044 A~~
15738
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR El Paso Natural Gas Company	8. FARM OR LEASE NAME Cooper Federal
3. ADDRESS OF OPERATOR 1800 Wilco Building, Midland, Texas 79701	9. WELL NO. #1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980 FNL, 2180 FWL of Sec. 21	10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T-24-S, R-36-E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3357.5	12. COUNTY OR PARISH 13. STATE Lea New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Casing

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded 10/22/73.

Ran 20" 94# K-55 ST&C set @ 595'. Cemented w/850 sacks Howco lite followed w/200 sxs C1 "C". Circ 140 sxs to pits. Bumped plug w/1200#.

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

SIGNED

C. D. Kysar
C. D. Kysar

TITLE Production Clerk

DATE October 25, 1973

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD
OCT 26 1973

GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions
reverse side)

COPY

7-1722 24-61
5. LEASE DESIGNATION AND SERIAL NO.
N412283, 12850, 15044-A
13722
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cooper Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLM.
AND SURVEY OR AREA

Sec. 21, T-24-S, R-36-E

12. COUNTY OR PARISH

Lea

13. STATE
New Mexico

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

B. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

1800 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL, 2180' FWL of section

0070 1873

At proposed prod. zone

Same

14. DISTANCE IN FEET AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approx. 6 miles Northwest of Jal. New Mexico

16. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Add to correct dist. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,
OR ABANDONED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

17,500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3357.5

22. APPROX. DATE WORK WILL START*

October 10, 1973

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94# K-55	600	1050 to 1350 sxs as needed
17 1/2"	13 3/8"	68# S80, 61# K-55	5300	3500 sxs
12 1/4"	9 5/8"	47#, 43.5#, S-95	10500	2850 sxs
8 1/2"	7 5/8"	39# S-95	13800	330 sxs
6 1/2"	5"	18# C-95	17500	575 sxs

Drill 26" hole to 600' using fresh wtr and native mud. Run 20" casing, cement & circulate to surface w/850 sxs lite wt. 2% CaCl followed by 200 sxs Cl "C" plus 300 sxs Cl "C" if needed to cure. WOC 12 hrs, test to 1500 for 30 mins.

Drill 17 1/2" hole to 5300'. Run 13 3/8" csg w/2 stage collar at 4500'. Mix & pump 750 sxs lite wt. w/5% gilsonite followed by 300 sxs Cl "C". 2nd stage: Mix & pump 2450 sxs w/18%, 5% gilsonite. WOC 18 hrs, test to 1500# for 30".

Drill 12 1/4" hole to 10,500. Run 9 5/8" csg to 10,500 w/2 stage collar @ 8600'. Mix & pump 400 sxs lite wt. followed by 500 sxs Cl "H" w/5% KCL. 2nd stage: Mix & pump 1950 sxs lite wt. WOC 18 hrs. Test to 3000# for 30 mins.

Drill 8 1/2" hole to 13,800'. Run 7 5/8" liner 10,200-13,800. Pump 330 sxs Cl "H" w/5% KCL. WOC 24 hrs.

Drill 6 1/2" hole to 17,500 TD. Run 5" liner 13,500-17,500'. Pump 575 sxs Cl "H" w/5% KCL. WOC 24 hrs. Attached is mud program & BOP drawing & specifications.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 prevention programs, if any.

SIGNED

C. D. Kysar

TITLE Production Clerk

DATE October 5, 1973

(This space for Federal or State use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
OCT 12 1973ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED

1 1073

C.L. CONSERVATION COMM.
HOBBS, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 12850		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____		
2. NAME OF OPERATOR El Paso Natural Gas Company				7. UNIT AGREEMENT NAME _____		
3. ADDRESS OF OPERATOR 1800 Wilco Building, Midland, Texas 79701				8. FARM OR LEASE NAME Cooper Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL, 2180' FWL At top prod. interval reported below At total depth _____				9. WELL NO. 1		
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Wildcat Morrow		
15. DATE SPUDDED 2/25/74				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T-24-S, R-37-E		
16. DATE T.D. REACHED 3/28/74				12. COUNTY OR PARISH Lea		
17. DATE COMPL. (Ready to prod.) _____				13. STATE New Mexico		
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3357.5 Gr.				19. ELEV. CASINGHEAD _____		
20. TOTAL DEPTH, MD & TVD 16,370		21. PLUG, BACK T.D., MD & TVD PBSD 12,470		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS _____		
22. IF MULTIPLE COMPL., HOW MANY* _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow Sand: 11,050-11,462		
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Act. Vol-GR-N, Guard-Forxo-Dual Ind-Micro Syon.		
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)		
Casing Size		Weight, lb./ft.		Depth Set (MD)		
20"		94		595		
13 3/8"		68# & 54.5		5275		
9 5/8"		47		10404		
Hole Size		Cementing Record		Amount Pulled		
26"		1050 Sxs		_____		
17 1/2"		2400 SXS		_____		
12 1/4"		2600 SXS		_____		
29. LINER RECORD						
Size		Top (MD)		Bottom (MD)		
7 5/8"		10,032.86		12,790		
Sacks Cement*		Screen (MD)		30. TUBING RECORD		
600		_____		Size		
_____		_____		Depth Set (MD)		
_____		_____		Packer Set (MD)		
_____		_____		_____		
_____		_____		_____		
31. PERFORATION RECORD (Interval, size and number) Morrow 11,452'-11,460 - .043", total 16 holes.						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
Depth Interval (MD)		Amount and Kind of Material Used				
Acidize Perfs:		2000 gallons, flushed w/73 bbls gelled 2% KCL water.				
_____		_____				
_____		_____				
_____		_____				
33.* PRODUCTION						
Date First Production		Production Method (Flowing, gas lift, pumping—size and type of pump)			Well Status (Producing or shut-in)	
Date of Test		Hours Tested		Choke Size		
4/24/74		123		1 1/2		
Prod'n. for Test Period		Oil—BBL.		Gas—MCF.		
_____		3.97		3531		
Flow. Tubing Press.		Casing Pressure		Water—BBL.		
2422		---		---		
Calculated 24-hour Rate		Oil—BBL.		Gas—MCF.		
_____		---		4,443		
Water—BBL.		Oil Gravity-API (corr.)		_____		
---		600		_____		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						
35. LIST OF ATTACHMENTS _____						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED _____		TITLE Production Clerk		DATE 5/3/74		

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. 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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1691				
Yates	3570				
Deleware	5450				
Bone Springs	7490				
Wolfcamp	10030				
Strawn	10450				
Atoka	10633				
Morrow	11050				
Barnett	12005				
Miss. Lime	12410				
Woodford	12378				
Silurian	13228				
Fusselman	14635				
Montoya	14977				
Simpson	15430				
Rev. Fault 100	16220				
Ellenburger	16570				