

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on re-
verse side)

BLM Roswell District
Modified Form No.
NMD60-3160-4

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 ☐		3a. Area Code & Phone No. 713/968-3654	
2. NAME OF OPERATOR Union Texas Petroleum Corp.		8. FARM OR LEASE NAME Payne	
3. ADDRESS OF OPERATOR P.O. Box 2120 Houston, TX 77252-2120		9. WELL NO. 3-E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2155 FNL & 355 FEL		10. FIELD AND POOL, OR WILDCAT Basin DK	
14. PERMIT NO. 30-045-27543		11. SEC., T., R., M., OR R.L. AND SURVEY OR AREA H Sec. 20-32N-10W	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6328 GR		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	5 1/2 csg report ☒

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

17. DESCRIBE PROMISED 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.)

2-12-90 - Ran 17# 5 1/2" production liner to 7893'.

2-22-90 - Shut 3 sqz holes at 7875' & 2 sqz holes @ 6,000', 4 sqz holes @ 7500'; 3 sqz holes @ 3375'; sqz 78 sx @ 6000; sqz 165 sx 50/50 poz, 25 sx cl "B", 100 sx 50/50 poz, talled in with 75 sx cl "B" @ 3375; tested backside to 1000 psi. Tested tubing to 3000 psi. Pressured to 3500 psi bled to 2000 psi in 8 minutes, 1800 psi in 20 minutes. Drilled out and moved to 6000' to test.

3-14-90 - Sqz 150 sx cl "B" cmt @ 7500'; test and drill out. Ran CBL log from 7869' to 3300'. Drill out to original TD of 7893'. Circ hole clean.

3-17-90 - Spot 50 sx cmt @ 7742'. Sqz @ 4000#. Tag @ 7511'. Drill out and test to 3200 psi. Ran CBL to 7851-7400'.

RECEIVED

SEP 13 1990

ON CON. DIV.
DIST. 3

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

SIGNED E. M. White

TITLE Reg. Permit Coord.

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

AUG 30 1990
DATE

FARMINGTON RESOURCE AREA

BY

AMOOD

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq., 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-080517
2. Name of Operator Meridian Oil Inc. UTP	6. If Indian, All.or Tribe Name
3. Address & Phone No. of Operator Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec, T, R, M. 2155'N, 355'E Sec. 20, T-32-N , R-10-W, NMMPM	8. Well Name & Number Payne #3E
	9. API Well No.
	10. Field and Pool Basin Dakota
	11. County and State San Juan County, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA	
Type of Submission	Type of Action
☐ Notice of Intent	☐ Abandonment
☐ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☐ Other
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut Off
	☐ Conversion to Injection

13. Describe Proposed or Completed Operations

The attached is a report of the running of the 5 1/2" liner, and squeeze cementing done on the subject well that was not reported previously by Union Texas Petroleum.

RECEIVED
SEP 13 1990
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Regulatory Affairs Date 8-23-90

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE SEP 07 1990
CONDITION OF APPROVAL, IF ANY:

NMOCD

FARMINGTON RESOURCE AREA
BY [Signature]

Payne #3E
SF-080517

12-31-89 TD 4730'. ND BOP. Set slips. NU BOP. Test csg 2500#, ok. TIH w/DP. PT csg 2500#/30 min, ok. Drl 45' cmt. Unload hole & dry up. Drill w/gas.

01-01/09-90 TD 6395'. Lost circ, worked stuck pipe @ 5298'. Ran free point, backed off @ 4692'.

01-10/16-90 TD 6395'. Fished. Lost returns.

01-17-90 Circ & cond hole. Cmt'd w/125 sx Class "H" neat @ 4970'. Circ bottoms up. TOOH. WOC. TIH, tag cmt @ 4310'. Drl cmt stringers 4310-4421'. Drl cmt 4421-4540'. Circ & cond. hole. TOOH.

01-18/2-10-90 Drld sidetrack hole to 7900'.

02-12-90 Ran 104 jts 5 1/2", 17#, N-80 csg (4539') set @ 7893'. Liner hanger @ 3353'. Did not cmt. Released drilling rig.

02-20-90 MOL&RU completion rig.

02-21-90 CO to latch collar @ 7848'.

02-22-90 Ran CBL-VDL 6000-7886'. Shot 3 squeeze haoles @ 7875', 2 squeeze holes @ 6000'.

02-23-90 Shot 4 squeeze holes @ 7500'. TIH w/cmt retainer to set @ 7840'. Retainer slid down 4'. Mix 22 sx Class "B" neat cmt. Could not get cmt to pump truck. Flushed w/42 BW. Stung out of ret. by 6'. SDFN w/end of tbg near retainer, plugged & stuck.

02-24-90 Ran freepoint, tag @ 7793'. Ran chemical cutter, shot off tbg @ 7752'. Pipe came free. TOOH, left retainer, stringer, 2 jts 2 3/8" tbg, 7' piece of 2 3/8" as fish. TIH w/overshot, jar on fish. SDFN. *Attempt to jar retainer & pull out of ret.*

02-25/03-03-90 Fishing. Recovered fish. TIH w/mill, x-over & tbg. SDFN.

03-04-90 TOOH w/tbg. TIH w/RBP @ 6115'. SD for weekend.

03-06-90 Squeeze cmt'd @ 6000' w/171 sx 50/50 Pozmix w/4% gel, 6.25#/gilsonite/sx and 10% salt. Full returns out tbg. Perf'd 3 squeeze holes @ 3375' *in 5' S&F* TIH w/FBP set @ 3210'. Squeezed w/165 sx 50/50 Poz, 4% gel, 6.25#/sx gilsonite and 10% salt, tailed w/75 sx Class "B" w/2% calcium chloride.

03-07-90 Set pkr @ 3210'. TIH, tag cmt @ 3390'. Spot 25 sx Class "B" w/1% calcium chloride 326-3390'.

03-08-90 TIH, tag cmt @ 3237'. Drld cmt to 3353'. Circ clean. TIH, drld cmt to 3380'. Circ clean. SDFN.

03-09-90 TIH, tag cmt @ 5860'. Drl cmt to 6009'. Circ clean. Reverse circ out sand to RBP @ 6115'. Released plug & POOH. SDFN. *Re-test*

03-10-90 Ran impression block, tag @ 7756'. Circ clean @ 7775'. SDFN. *Re-test*

03-11/12-90 Circ out fill. Ran csg inspect log 7490-7794'. Csg not parted.

03-13-90 TIH, set retr.pkr @ 7290'. *Re-test* Mix 1150 sx Class "B" neat cmt. SDFN.

03-14-90 *Re-test* Drld cmt @ 7290'. Fell free @ 7505'. PT squeeze holes @ 7500' to 3100#/13 min, ok. Drl & wash to retainer @ 7834'. Drld to 7878' w/245 jts tbg & plugged bit. Try to unplug, failed. SDFN.

03-15-90 *14 jts* TOOH. Bit unplugged. Ran CBL-VDL 3300-7869'. TIH, tag @ 7878'. Drld out to 7881' while reverse circ. Drld out to 7893'. Circ hole clean. Pull 5 stds. SDFN.

03-16-90 *14 jts* Shot 2 squeeze holes @ 7808'. TIH, set pkr @ 7872'. Pump down backside to BD perfs. Pull up 4 stds. Set pkr @ 7580'. Squeezed w/50 sx Class "B" cmt. Released pkr. SDFN. TC @ 7709' in csg.

03-17-90 TOOH, TIH, tag TC @ 7678'. Drld 60' cmt to 7834'. Circ. Drld to 7875', went out of cmt. Washed 10'. Test squeeze holes @ 7875'/ 10 min, ok. Reverse circ. TOOH. Ran CBL to 7400'. SDFN.

03-18-90 Set Baker N1 plug @ 7860'. Cmt'd 1 sx cmt on top of BP. Shot 2 squeeze holes @ 7742', and 2 @ 7615'. Set pkr @ 7634'. Pump in squeeze holes @ 7615'. Pulled pkr up to 7284'. Spot 50 sx cmt in tbg. At 33 bbls displacement, got walking squeeze to 4000#/30 min. Released tool TOOH. Five bbls.cmt in formation.

03-20-90 TIH, tag cmt @ 7511'. Drld good cmt to 7620'. PT csg 3200#. Drld cmt to 7750'. Test csg to 3200#. Wash to 7858'. Ran CBL-VDL 7400-7851'. SDFN.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-080517

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Payne

9. WELL NO.

3-E

10. FIELD AND POOL, OR WILDCAT

Basin DK

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

20-32N-10W

12. COUNTY OR PARISH

San Juan

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. RENVR. ☐ Other

2. NAME OF OPERATOR

Union Texas Petroleum Corp.

3. ADDRESS OF OPERATOR

P.O. Box 2120 Houston, TX 77252-2120

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

At surface 2155 FNL, 355 FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-045-27543

11-20-89

15. DATE SPUDDED

12-21-89

16. DATE T.D. REACHED

12-12-90

17. DATE COMPL. (Ready to prod.)*

4-3-90

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

6328 GR

20. TOTAL DEPTH, MD & TVD

7900 TVD & MD

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

7858 TVD & MD

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

7644-7794; 7695-7787

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL; GR-CAL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4	40.5	670	14 1/2	565	None
7 5/8	26.4	3599	9 7/8	605	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2	3353	7893	425		2 3/8	7781	7770

31. PERFORATION RECORD (Interval, size and number)

1JSPF 0.32"-23 7644-7794
" " -06 7695-7787

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7644-7794	Acid 1750 gal 15% HCL
" "	Frac 69,887 Gal 1% X-L Gel
7695-7787	Acid 1000 gal 15% HCL
" "	Frac 87,365 gal 30# X-L gel
" "	Acid 9,000 gal 15% HCL NEFE

33.* PRODUCTION 7644-7794

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

3-27-90

Flowing

Shut-in

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-19-90	1	3/4"		--	600	Tr	---

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
80	700			600		

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

Vented - no sales line hook-up.

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

Law White

TITLE

Reg. Permit Coord.

DATE

6-07-90

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

7. 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
				Ojo Alamo Kirtland Fruitland PC Lewis Cliffhouse Monefee Gallup Dakota	1347 1377 2622 3047 3194 4932 4997 6552 7644	