

1R - 279

Well Records
REPORTS

DATE:

1950

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0 -	25	25	Gyp
25	35	10	Sand
35	40	5	Gyp
40	253	213	Sand
253	280	27	Sand
280	310	30	Red Bed
310	330	20	Hard Sand
330	365	35	Red Bed
365	415	50	Hard Gyp
415	430	15	Red Bed
430	460	30	Sand (water)
460	504	44	Red Bed
504	555	51	Red Bed
555	561	6	Gyp
561	590	29	Red Bed
590	595	5	Tough blue shale
595	600	5	Gyp
600	690	90	Red Bed
690	715	25	Sand (water)
715	760	45	Red Bed
760	800	40	Red Sand
800	1000	200	Red Bed
1000	1130	130	Red Bed
1130	1165	35	Red Sand
1165	1185	20	Red Bed
1185	1270	85	Red Bed w/gyp rock shells
1270	1350	80	Red Bed
1350	1360	10	Sand & Shells
1360	1425	65	Red Sand
1425	1570	145	Red Bed
1570	1600	30	Red Bed
1600	1646	46	Sandy Shale
1646	1676	30	Hard Sand & Anhydrite shells
1676	1694	18	Sandy Shale
1694	1705	11	Broken shells
1705	1710	5	Hard Sand
1710	1718	8	Anhydrite
1718	1725	7	Sand (water), gray and light blue
1725	1730	5	Sandy shale
1730	1759	29	Hard sandy shale
1759	1790	31	Red shale & lime shells
1790	1797	7	Sandy shale
1797	1800	3	Anhydrite
1800	1825	25	Anhydrite, shale
1825	1890	65	Anhydrite, sand & salt
1890	1970	80	Salt, anhydrite shells
1970	2580	610	Salt
2580	2605	25	Anhydrite
2605	2715	110	Salt
2715	2755	40	Anhydrite
2755	2830	75	Anhydrite & shale
2830	2890	60	Anhydrite
2890	3030	140	Anhydrite & shale
3030	3125	95	Anhydrite
3125	3250	125	Anhydrite & shale

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Mobil Oil Corporation	8. Farm or Lease Name State I
3. Address of Operator P. O. Box 633, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER L 660 FEET FROM THE West LINE AND 1980 FEET FROM THE South LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	10. Field and Pool, or Wildcat Vac-Grayburg - S.A.
15. Elevation (Show whether DF, RT, GR, etc.) 4001	12. County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☐

17. 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.

Objective: Repair communications between surface and prod. csg.

- 2/27 Located leak in 7" csg between 535-550, pres up to 1500#, leaked off 500#, Wellex perf 7" csg w/4 holes @ 3000', unable to pmp in, perf 4 holes @ 2800 and 2300, unable to pmp in, then perf 4 holes @ 1800, pumped in, ran 7" ret set @ 1708, Howco cmtd thru holes @ 1800 w/300 sx Class C cmt containing 2% CaCl + .3% Halad 22A + 200 sx Class C cmt containing 2% CaCl + .3% Halad 22A + 18% salt, had gd circ outside of 7" csg, cmt did not circ.
- 2/28 POH w/tbg & stinger, Worthwell ran temp survey top of cmt @ 1505, pres up on 7" csg fr surf to 1708, pmped in leak 1/4 BPM @ 800#, ran 7" pkr, set at 133', Howco sqzd leak @ 450' w/200 sx Class C cmt w/2% CaCl, cmt circ to surf closed valve, sqzd 3 bbls of cmt into formation, TP 500#.
- 3/1 Ran 6-1/8 bit on 6 4-1/4 DC's & 2-7/8 tbg, drl cmt in 7" csg from 165 to 360
- 3/2 Drl cmt in 7" csg fr 360 to 458, circ clean, test csg to 500#, pmped in lead, POH w/bit, ran Baker pkr on 2-7/8 tbg set @ 133', Howco sqzd csg leak w/250 sx Class C cmt w/2% CaCl

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

SIGNED <u>Christine O. Tucker</u>	TITLE <u>Authorized Agent</u>	DATE <u>6/9/76</u>
APPROVED BY <u>John W. Runyan</u>	TITLE <u>Geologist</u>	DATE <u>JUN 11 1976</u>
CONDITIONS OF APPROVAL, IF ANY:		

103
22 and C-103
Effective 1-1-65
No. Type of Lease

on't.)
TP 500#, job compl @ 3:00 pm, 3/1/76, WOC/3 hrs,

24 F zero fluid/13 hrs, 16/64 ck, 350' FIH, sw 11 BLW/3-1/2 hrs, Western Co acidized Grayburg OH zone 4060-4626 w/2000 gals 28% mud acid, flushed w/48 BLO, TTP 300#, AIR 3.6 BPM, ISIP 300#/10 min on vacuum, job comp 11:30 am, 3/23/76, SI/30 min, then F & sw 66 BLO & LW/6 hrs, sw dry,

4/8 Ran end of tbg to 4626, Western Co spotted 1000 gals acid over OH zone 4060 to 4626, pull end of tbg to 4045 T perfs 4043-43, SN @ 4042, pkr set @ 3441, Western acidized OH w/additional 2500 gals 7-1/2% DS-30 acid containing 2 gals LT-5/1000 gals + 3 gals L-T-17/1000 gals + 1 gal I-15/1000 gals flushed w/48 bbls 2% KCL wtr containing 1/2 gal/1000 gals LD-22, TTP 200#, AIR 3/4 BPM ISIP zero, Job Comp @ 12:00 Noon 4/7/76 SI 30 min.

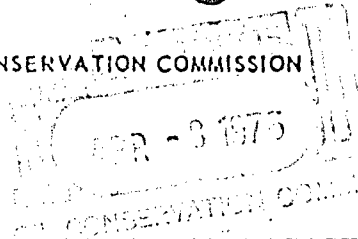
4/30 Permian MIRU pulling unit 4/29/76, pulled rods & tbg, remove TA, ran 2-7/8 tbg OP to 4560, T. Perfs 4527-30, SN @ 4525, 2-1/2 X 1-1/2 X 16 pump on 180 - 3/4 rods, POP 4/29/76

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65



5a. Indicate Type of Lease
State ☒
5. State Oil & Gas Lease No.
B-2146

on t.)
TP 500

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator MOBIL OIL CORPORATION	8. Farm or Lease Name STATE I
3. Address of Operator Box 633 MIDLAND, TEXAS 79701	9. Well No. 1
4. Location of Well UNIT LETTER L 660 FEET FROM THE W LINE AND 1980 FEET FROM THE S LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	10. Field and Pool, or Wildcat VACUUM GRABURG S.
15. Elevation (Show whether DF, RT, CR, etc.) 4001' GL	12. County LEA

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

NATHAN CLEGG OF THE NMOCC AND TRUMAN AULD OF MOBIL OIL TESTED THE CASING OF THIS WELL ON MARCH 25, 1976, AND FOUND IT MET ALL REQUIREMENTS. RESULTS OF THE TEST WERE AS FOLLOWS:

SURFACE CASING PRESSURE - 0 PSIG - (CEMENT CIRC.)
OIL STRING PRESSURE - 210 PSIG
TUBING PRESSURE - 0 PSIG.

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

SIGNED M. W. Brinkmeyer TITLE PETROLEUM ENGINEER DATE 3/31/76
APPROVED BY [Signature] SUPERVISOR DISTRICT 1 DATE APR 5 1976
CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	State ☒	Fee ☐
5. State Oil & Gas Lease No.		

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO MOVE TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Mobil Oil Corporation	8. Farm or Lease Name State I
3. Address of Operator P. O. Box 633, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>L</u> <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE, SECTION <u>36</u> TOWNSHIP <u>17-S</u> RANGE <u>34-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Vac.-Grayburg-S.A.
15. Elevation (Show whether DF, RT, GR, etc.) 4001	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
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PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. 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.

Repair communications between surface casing and production casing.

1. Kill well w/treated brine, check head for leak and change out head, install BOP. Pull tubing.
2. Run RBP to 4,000' ± and cap w/ 5 sx sand.
3. If unable to run - pick up bit and casing scraper for 7"-24# casing and clean out to casing seat at 4,060'. Then run RBP.4.
4. Run tubing w/packer to pressure check casing for indicated communication. Determine leak point.
5. Depending on location of leak - perforate 7" w/4 holes @ 3,000' (base of the salt section).
6. Run retainer on tubing. Establish circulation if possible, and flush 7" X 10-3/4: annulus w/water. Cement w/300 sx Class C w/2% cacl + .3% Halad 22-A and 200 sx Class C w/18% salt-2% cacl.3% Halad 22-A. Tail portion is to go across salt section, 3000'-1600'. If leak in 7" was found "high" - hold pressure inside 7" while cementing to reduce communication.

(OVER)

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

SIGNED <u>Christine O. Tucker</u>	TITLE <u>Authorized Agent</u>	DATE <u>2-17-76</u>
APPROVED BY <u>Jerry Sexton</u> Dist. 1, Supv.	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-

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API No. 30-025-26926

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-1527	

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.)

OIL WELL ☐ GAS WELL ☐ OTHER ☐

Water Injection Per NMOCD Order No. R-5897

7. Unit Agreement Name
East Vacuum Gb/SA Unit

8. Farm or Lease Name
East Vacuum GB/SA Unit

9. Well No. Tract 3127
004

10. Field and Pool, or WHdcat
Vacuum Gb/SA

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
Room 401, 4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well
UNIT LETTER I 1375 south 50
THE east LINE, SECTION 31 TOWNSHIP 17-S RANGE 35-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3984' RKB, 3972.3' GR

12. County
Lea

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TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☒ Converted well to water injection

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

2-22 thru 2-24-86:

4750' PTD RU DDU. COOH with rods and pump. Run PPC BHP bomb, 359 psi at 4650'.
NU BOP. COOH with tubing, pick up casing scraper on 2 7/8" tbg to 4630'.
COOH with 2 7/8" tbg, change out well head. GIH with BOT Husky M-1 packer
with on/off tool and profile nipple on 2 7/8" 6.5# J55 plastic lined tubing
with TK-69, set at 4249' with 10,000# compression. NMOCC witnessed casing
test. Hooked up injection equip. Started injection thru perfs 4310'-4636'.
2400 BPD at 600%.

Job complete.

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

Signed W. J. Mueller

TITLE Engineering Supervisor, Reservoir

DATE February 26, 1986

APPROVED BY [Signature]

TITLE DISTRICT 1 SUPERVISOR

DATE

MAR 4 - 1986

CONDITIONS OF APPROVAL, IF ANY:

INSTRUCTIONS

Form is to be filed with the appropriate District Office of the Commission not later than 26 days after the completion of any newly drilled or reworked well. It shall be accompanied by one copy of all electrical and radio-activity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

Chinle (Redbeds)	240'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Anhy	1488'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Rustler		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
Salt	1618'	T. Miss	T. Cliff House	T. Leadville
T. Yates	2801'	T. Devonian	T. Menefee	T. Madison
T. 7 Rivers		T. Silurian	T. Point Lookout	T. Elbert
T. Queen	3700'	T. Montoya	T. Mancos	T. McCracken
T. Grayburg	4034'	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. San Andres	4297'	T. McKee	Base Greenhorn	T. Granite
T. Glorieta		T. Ellenburger	T. Dakota	T.
T. Paddock		T. Gr. Wash	T. Morrison	T.
T. Blinbry		T. Granite	T. Todilto	T.
T. Tubb		T. Delaware Sand	T. Entrada	T.
T. Drinkard		T. Bone Springs	T. Wingate	T.
T. Abo		T.	T. Chinle	T.
T. Wolfcamp		T.	T. Permian	T.
T. Penn.		T.	T. Penn. "A"	T.
T. Cisco (Bough C)		T.		

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....
 No. 2, from.....to..... No. 5, from.....to.....
 No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....
 No. 4, from.....to.....feet.....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1500	1500	Red Bed				
1500	1785	285	Red Bed - Anhy.				
1785	2985	1200	Salt - Anhy.				
2985	3539	554	Anhy.				
3539	3554	15	Dolo.				
3554	3866	312	Anhy. & Dolo.				
3866	3968	102	Anhy.				
3968	4170	202	Anhy. & Dolo.				
4170	4293	123	Dolo.				
4293	4338	45	Anhy. Dolo.				
4338	4635	297	Dolo. Anhy.				
4635	4800	165	Dolo.				
	T.D.						

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OIL CONSERVATION DIV

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
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5a. Indicate Type of Lease

State ☒ F

5. State Oil & Gas Lease No.

B-155

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator	Central Vacuum Unit
3. Address of Operator	8. Farm or Lease Name
TEXACO, Inc.	Central Vacuum Unit
P. O. Box 728, Hobbs, New Mexico 88240	9. Well No.
4. Location of Well	77
UNIT LETTER <u>I</u> , 1980 FEET FROM THE <u>south</u> LINE AND 660 FEET FROM	10. Field and Pool, or Wildcat
THE <u>East</u> LINE, SECTION <u>36</u> TOWNSHIP <u>17-S</u> RANGE <u>34-E</u> N.M.P.M.	Vacuum Grayburg
	San Andres
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3985' (GR)	Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

7. 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.

1. Rigged up. Install BOP. Pull tubing and Submersible Pump.
2. Clean out.
3. Set pkr. @ 3700'. Acidize open-Hole 4099'-4710' w/15,000 gals 15% NEFE Acid, 2200# Moth balls, 2200# Rock Salt & 2-Drums Scale Inhibitor.
4. Install production equipment. Test & return to production.

FEB 15 1985
OIL CONSERVATION DIVISION
SANTA FE

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

by W. B. Loh TITLE Dist. Opr. Mgr. DATE 2-7-85

OVER BY E. J. [Signature] TITLE OIL & GAS INSPECTOR DATE FEB 13 1985

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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5a. Indicate Type of Lease
State ☒
5. State Oil & Gas Lease No.
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SUNDRY NOTICES AND REPORTS ON WELLS

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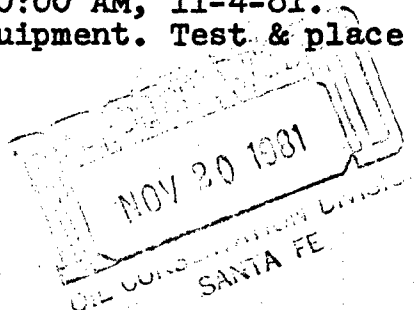
1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name Central Vacuum Unit
2. Name of Operator Texaco Inc.	8. Farm or Lease Name Central Vacuum Unit
3. Address of Operator P.O.Box 728, Hobbs, New Mexico 88240	9. Well No. 77
4. Location of Well UNIT LETTER I 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	10. Field and Pool or Wildcat Vacuum Grayburg San Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3985' (GR)	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
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PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☒ Repair water flow

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

1. Rigged up. Pull production equipment.
2. Set RBP @ 3800'. Spot sand on plug.
3. Perforate 5 1/2" Csg @ 1555' w/2-JSPF.
4. Set cement retainer @ 1460'.
5. Cemented w/350 sx class 'H' cement. Cement did not hold.
6. Set cement retainer @ 1460'. Cement perfs @ 1555' w/250 sx. class 'H' cement & 1500 gals flocek. WOC. DOC.
7. Tested 5 1/2" Csg. to 600# for 30 minutes, 9:30-10:00 AM, 11-4-81. Tested OK. Job complete 10:00 AM, 11-4-81.
8. Install pumping equipment. Test & place on production.



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

SIGNED [Signature] TITLE Asst. Dist. Mgr. DATE 11-12-81

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE NOV 16 1981

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Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee

5. State Oil & Gas Lease No.
B-155

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USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name -
2. Name of Operator TEXACO Inc.	8. Form of Lease (Name) (NCT-1) New Mexico "O" State
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240	9. Well No. 41
4. Location of Well UNIT LETTER 8 J 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17S RANGE 34E NMPM.	10. Field and Pool, or Wildcat Andre Vacuum Grayburg San
15. Elevation (Show whether DF, RT, GR, etc.) 3985 GL	12. County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	Casing string identification ☒

17. 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.

- Risers installed on all casing strings with valves above ground and labeled for future identification.
- Inspected by N. E. CLEGG.
- Casing Strings:

Size	Set at	No. sxs cmt used
10-3/4"	250'	200
7-5/8"	1550'	200
5-1/2"	4110'	250

APR - 1 1976

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

SIGNED [Signature] TITLE Assistant Dist. Supt. DATE March 25, 1976

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE APR 2 1976

CONDITIONS OF APPROVAL, IF ANY:

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$ of the sample.

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OPERATOR	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-10
Revised 10-1

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-155

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐ Name of Operator Texaco Inc. Address of Operator P.O.Box 728, Hobbs, New Mexico 88240 Location of Well UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E N.M.P.M. 15. Elevation (Show whether DF, RT, GR, etc.) 3990' (GR)	7. Unit Agreement Name Central Vacuum Unit 8. Farm or Lease Name Central Vacuum Unit 9. Well No. 78 10. Field and Pool or Wildcat Vacuum Grayburg San Andres 12. County Lea
---	---

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☒ Repair Water Flow

17. 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.

1. Rigged up. Pull pump. Install BOP.
2. Set RBP @ 3900'.
3. Perforate 5½" Csg w/2-JS @ 1565'.
4. Set Cement retainer @ 1500'. Cement perfs @ 1565' w/260 sx. thixset cement containing 3% Cacl. Cement circulated. Squeezed w/Addl. 1000 gals flochak & 240 sx thixset cement. WOC.DOC. Cement did not hold.
5. Set cement retainer @ 1500'. Squeezed perfs @ 1565' w/1200 sx thixset cement & 500 gals flchek. WOC.DOC. Cement did not hold.
6. Set cement retainer @ 1500'. Squeezed perfs @ 1565' w/50 sx thixset cement. WOC.DOC.
7. Tested 5½" csg to 600# for 30 minutes, 1:00-1:30 PM, 12-9-81. Tested OK.
8. Install Production equipment. Test & return to production, 12-17-81.

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

SIGNED *[Signature]* TITLE Asst. Dist. Mgr. DATE 12-21-81
APPROVED BY *[Signature]* TITLE SUPERVISOR DISTRICT 1 DATE DEC 22 1981
CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-155

SUNDRY NOTICES AND REPORTS ON WELLS

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator TEXACO Inc.	8. Farm or Lease Name NCT-1
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240	9. Well No. 1 6
4. Location of Well UNIT LETTER J, 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	10. Field and Pool, or Wildcat Vacuum Grayburg San Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3990' (GL)	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT-JOB ☐	OTHER ☒ Repair Casing Leak

17. 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.

1. Pull Rods & Tubing. Install BOP.
2. Ran Free point. 5½" Csg free to 2200'. Set RBP @ 4000'.
3. Backed off 41Jts. 5½" Csg. & pulled 1296.
4. Installed 7 5/8" Well Head.
5. Ran 5½" OD 17# 8R Csg w/10v Ends and set @ 1296' (35 Jts). Set Slip 45,000#. Tested csg. w/1000# for 30 minutes. Tested OK.
6. Install 5½" Well Head, pump & rods. Test & return to production.

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

SIGNED <u>[Signature]</u>	TITLE Asst. Dist. Supt.	DATE 4-27-76
APPROVED BY <u>[Signature]</u>	TITLE SUPERVISOR DISTRICT 1	DATE APR 29 1976
CONDITIONS OF APPROVAL, IF ANY:		

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

APR 12 1976

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-155

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator TEXACO INC.	8. Farm or Lease Name NCT-1 New Mexico "O" State
3. Address of Operator P. O. Box 728 - Hobbs, New Mexico 88240.	9. Well No. 1 6
4. Location of Well UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	10. Field and Pool, or Wellcut Vacu Grayburg San Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3990' GL	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒ Repair casing leak	CASING TEST AND CEMENT JOBS ☐	

17. 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.

1. Rig up unit, pull rods, install BOP, pull tubing.
2. Run cement bond and casing inspection logs.
3. Set RBP in 5½" casing 100' from surface, test casing head for leak.
4. Run RBP and packer. Set RBP @ 4000', locate casing leak (approx. @ 520').
5. Back off bad casing as shown by inspection log.
6. Run back in with new joints of 5½" 17# casing and screw back in.
7. Recover RBP, run production equipment, and return to production.

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

SIGNED <u>[Signature]</u>	TITLE <u>Asst. Dist. Supt.</u>	DATE <u>April 9, 1976</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR DISTRICT 1</u>	DATE <u>APR 9 1976</u>
CONDITIONS OF APPROVAL, IF ANY:		

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-155

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator TEXACO Inc.	8. Farm or Lease Name (NCT-1) New Mexico "O" State
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240	9. Well No. 6'
4. Location of Well UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 17-S RANGE 34-E NMPM.	10. Field and Pool, or Wildcat Vacuum Grayburg San
15. Elevation (Show whether DF, RT, GR, etc.) 3990' GL	12. County Lea

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

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☒ Casing string identification

17. 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.

1. Risers installed on all casing strings with valves above ground and labeled for future identification.

2. Inspected by N. E. CLEGG.

3. Casing Strings: Size Set at No. sxs Cmt used

10-3/4"	256'	200
7-5/8"	1539'	250
5-1/2"	4100'	200

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

SIGNED <u>[Signature]</u>	TITLE <u>Assistant Dist. Supt.</u>	DATE <u>March 25, 1976</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR DISTRICT I</u>	DATE <u>MAR 25 1976</u>
CONDITIONS OF APPROVAL, IF ANY:		

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	210	170	Caliche & Sand
210	300	90	Red Rock
300	1317	1017	Red Beds
1317	1434	117	Red Rock & Shells
1434	1494	60	Red Rock & Anhydrite
1494	1550	56	Anhydrite
1550	2630	1080	Anhydrite & Salt
2630	2900	270	Anhydrite & Gypsum
2900	3520	620	Anhydrite, Gypsum, & Lime
3520	4045	525	Anhydrite & Lime
4045	4140	95	Lime
4140	4436	296	Sandy Lime
4436	4512	76	Medium Lime
4512	4646	134	Grey Lime
4646	4725	79	Saturated Lime
			Deviation tests
			Total Depth (results as follows;
			4725' - 600' - 7/8° 1030' - 0°
			1500' - 1/8° 2000' - 1/2°
			2500' - 1/8° 3000' - 1/2°
			3550' - 3/8°
			4000' - 0°

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form
Revised

5a. Indicate
State ☒ N.M.
B-2146

1a. TYPE OF WELL

GIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Water Injection

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

TEXACO Inc.

3. Address of Operator

P. O. Box 728, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER L LOCATED 1332 FEET FROM THE South LINE AND 1310 FEET FROM

THE West LINE OF SEC. 36 TWP. 17-S RGE. 34-E NMPM

15. Date Spudded 3-3-79 16. Date T.D. Reached 3-18-79 17. Date Compl. (Ready to Prod.) 4-5-79 18. Elevations (DF, RKB, RT, GR, etc.) 3998' (GR) 19. Elev. Casinghead 3998'

20. Total Depth 4800' 21. Plug Back T.D. 4741' 22. If Multiple Completion, How Many 0-4800' 23. Intervals Drilled by Rotary Tools 0-4800' Cable Tools -0-

24. Producing Intervals(s), of this completion - Top, Bottom, Name
4322' - 4705' Grayburg San Andres

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
Gamma Ray - Compensated Neutron

27. Was Well Cored No

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

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	355'	17 1/2"	400 SX	-0-
9 5/8"	32#	1500'	12 1/4"	800 SX	-0-
7"	23#	2763'	8 3/4"	650 SX	-0-
4 1/2"	10.5#	4800'	6 1/8"	800 SX	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	4267'	4267'

31. Perforation Record (Interval, size and number) Perf. 4 1/2" Csg w/2-JSPF @ 4322', 30, 44, 51, 60, 4416', 18, 90, 99, 4509, 18, 25, 74, 79, 91, 97, 4604, 10, 18, 24, 34, 42, 48, 59, 64, 70, 84, 90, 4700' & 4705'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL 4322' - 4705' AMOUNT AND KIND MATERIAL USED 7500 Gal. 15% NE Acid

33. PRODUCTION

Date First Production WATER INJECTION WELL - NO POTENTIAL TEST Production Method (Flowing, gas lift, pumping - Size and type pump) WATER INJECTION WELL - NO POTENTIAL TEST Well Status (Prod. or Shut-in)

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.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

35. List of Attachments

Completed Shut-In Water INjection 4-5-79

36. 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.

SIGNED [Signature]

TITLE Asst. Dist. Supt.

DATE 4-6-79

INSTRUCTIONS

with the appropriate logs of the formation not later than 30 days after the completion of any newly-drilled or reworked well by the use of all electrical and other activity logs on the well and a summary of all special tests conducted. All logs reported shall be measured by the use of a true vertical line. In the case of horizontally drilled wells, true vertical logs shall be reported. The logs shall be reported for each well. The form is to be filed in quadruplicate except on wells where reported logs are not required.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

ay 1483	T. Canyon	T. Ojo Alamo	T. Penn. "B"
alt 1617	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salt 2518	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
f. Yates 2772	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3675	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 4004	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4290	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....
 No. 2, from.....to..... No. 5, from.....to.....
 No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.
 No. 2, from.....to.....feet.
 No. 3, from.....to.....feet.
 No. 4, from.....to.....feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1202	1202	Red Bed				
1202	1619	417	Red Bed & Anhydrite				
1619	2778	1159	Anhydrite & Salt				
2778	3725	947	Anhydrite				
3725	3935	210	Anhydrite & Lime				
3935	4114	179	Anhydrite				
4114	4800	686	Lime				
	4800		Total Depth				
	4741		PBTD				

Salt Water Flow Encountered @:
 1928', 100BWPH, SIP 900'

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OIL CONSERVATION COMM.
 HOBBS, N. M.

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5a. In H. _____
 State TX
 5. State Oil & G. _____
 B-15:
 7. Unit Agreement Name _____
 8. Farm or Lease Name _____
 Central Vacuum Unit
 9. Well No. _____
 84

1a. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Water Inject.
 b. TYPE OF COMPLETION
 NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. Name of Operator
 TEXACO Inc.
 3. Address of Operator
 P. O. Box 728, Hobbs, New Mexico 88240

4. Location of Well
 UNIT LETTER I LOCATED 1333 FEET FROM THE South LINE AND 151 FEET FROM
 THE East LINE OF SEC. 36 TWP. 17-S RGE. 34-E NMPM
 12. County
 Lea

15. Date Spudded 2-13-79 16. Date T.D. Reached 3-1-79 17. Date Compl. (Ready to Prod.) 3-23-79 18. Elevations (DF, RKB, RT, GR, etc.) 3985' (GR) 19. Elev. Casinghead 3985'
 20. Total Depth 4800' 21. Plug Back T.D. 4751' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools 0-4800' Cable Tools -0-

24. Producing Interval(s), of this completion - Top, Bottom, Name
4350' - 4682' Grayburg San Andres
 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
Gamma Ray - Compensated Neutron
 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	355'	17 1/2"	400 SX.	-0-
9 5/8"	32#	1500'	12 1/4"	800 SX.	-0-
7"	23#	2755'	8 3/4"	650 SX.	-0-
4 1/2"	10.5#	4800'	6 1/8"	800 SX.	-0-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4238'	4238'

31. Perforation Record (Interval, size and number, Perf. 4 1/2" Csg w/2-JSPF @ 4350, 58, 71, 78, 84, 93, 4401, 07, 13, 22, 4516, 24, 30, 36, 40, 50, 56, 60, 64, 71, 76, 88, 92, 97, 4602, 36, 40, 49, 56, 66, 76, & 4682.
 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4350 - 4682	7000 Gal. 15% NE acid

33. PRODUCTION
 Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____
Water Injection Well - No Potential Test

Date of Test	Hours Tested	Choke Size	Prod'n. Per 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.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments
Well completed Shut-In Water Injection, 3-23-79

36. 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.
 SIGNED [Signature] TITLE Asst. Dist. Supt. DATE 3-26-79

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1467	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1598	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	2756	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2792	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3122	T. Devonian	T. Menefee	T. Madison
T. Queen	3702	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	4050	T. Montoya	T. Mancos	T. McCracken
T. San Andres	4320	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinberry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to	feet
No. 2, from	to	feet
No. 3, from	to	feet
No. 4, from	to	feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1263	1263	Red Bed				
1263	2261	998	Red Bed & Anhydrite				
2261	2931	670	Anhydrite & Salt				
2931	3920	989	Anhydrite				
3920	4162	242	Anhydrite & Lime				
4162	4800	638	Lime				
	4800		Total Depth				
	4751		PBTD				

Water Flows were encountered @ 1795' & 1977' @ 150 BPH, SLIP 900#

RECEIVED
MAR 29 1979
OIL CONSERVATION COM. RODES, N. M.

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>Water Injection</u>										2. Unit Agreement Name <u>Central Vacuum Unit</u>																			
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER										3. Name of Operator <u>TEXACO Inc.</u>																			
3. Address of Operator <u>P. O. BOX 728, Hobbs, New Mexico 88240</u>										4. Well No. <u>94</u>																			
4. Location of Well <u>East</u> LINE OF SEC. <u>31</u> TWP. <u>17-S</u> RGE. <u>35-E</u> NMPM										5. Field and Loc. or Vicinity <u>Vacuum Grayburg San Andres</u>																			
UNIT LETTER <u>0</u> LOCATED <u>50</u> FEET FROM THE <u>South</u> LINE AND <u>2549</u> FEET FROM										12. County <u>Lea</u>																			
15. Date Spudded <u>3-19-79</u>										16. Date T.D. Reached <u>4-12-79</u>																			
17. Date Compl. (Ready to Prod.) <u>3969' (GR)</u>										18. Elevations (DF, RKB, RT, GR, etc.) <u>3969'</u>																			
20. Total Depth <u>4800'</u>										21. Plug Back T.D. <u>4739'</u>																			
22. If Multiple Compl., How Many										23. Intervals Drilled By <u>Rotary Tools</u>																			
24. Producing Interval(s), of this completion - Top, Bottom, Name <u>4343' - 4699' Grayburg San Andres</u>										25. Was Directional Survey Made <u>No</u>																			
26. Type Electric and Other Logs Run <u>Gamma Ray - Compensated Neutron</u>										27. Was Well Cored <u>No</u>																			
28. CASING RECORD (Report all strings set in well)																													
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD						AMOUNT PULLED															
13 3/8"		48#		350'		17 1/2"		400 SX						-0-															
9 5/8"		36#		1510'		12 1/4"		800 SX						-0-															
7"		23#		2720'		8 3/4"		650 SX						-0-															
4 1/2"		10.5#		4800'		7 7/8"		800 SX						-0-															
29. LINER RECORD										30. TUBING RECORD																			
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET															
										2 3/8"		4241'		4241'															
31. Perforation Record (Interval, size and number) <u>Perf. 4 1/2" Csg w/2-JSPF @4343', 65', 4', 4403', 11', 20', 29', 42', 4515', 22', 38', 5', 50', 63', 67', 4622', 35', 43', 50', 60', 8', 75', 85', & 4699'.</u>										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table><tr><td>DEPTH INTERVAL</td><td>AMOUNT AND KIND MATERIAL USED</td></tr><tr><td><u>4343' - 4699'</u></td><td><u>8000 gal. 15% NE Acid</u></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>										DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	<u>4343' - 4699'</u>	<u>8000 gal. 15% NE Acid</u>						
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																												
<u>4343' - 4699'</u>	<u>8000 gal. 15% NE Acid</u>																												
3. PRODUCTION																													
Date First Production					Production Method (Flowing, gas lift, pumping - Size and type pump) <u>WATER INJECTION WELL - NO POTENTIAL TEST</u>										Well Status (Prod. or Shut-in)														
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.)																	
Disposition of Gas (Sold, used for fuel, vented, etc.) <u>SANTA FE</u>										Test Witnessed By																			
4. List of Attachments <u>Completed as Shut-In Water Injection Well, 4-12-79</u>																													
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.																													
SIGNED <u>[Signature]</u>										TITLE <u>Asst. Dist. Supt.</u>																			
										DATE <u>4-17-79</u>																			

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of a well. It shall be accompanied by a copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of fractionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 15 through 24 shall be reported for each zone. This form is to be filed in quintuplicate except in state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1452</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1585</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>2645</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2802</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3720</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>4050</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4330</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

RECEIVED

APR 23 1979

OIL CONSERVATION COMM.

MOBBS, N. M.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1434	1434	Red Bed				
1434	1527	93	Red Bed & Anhydrite				
1527	2720	1193	Anhydrite & Salt				
2720	3935	1215	Anhydrite				
3935	4800	865	Lime				
	4800		Total Depth				
	4739		PBTD				
Salt Water Flow Was Encountered at: 1756' - 400 BWPH - SIP 920#							

NO. COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

State	
State No.	B-1113-1
7. Unit Agreement Name	Central Vacuum Unit
8. Former Lease Name	Central Vacuum Unit
9. Well No.	100
10. Field and Foot, or Wildcat	Vacuum Grayburg San Andres
11. County	Lea

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Water Injection

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
TEXACO Inc.

3. Address of Operator
P. O. Box 728 - Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER F LOCATED 1372 FEET FROM THE North LINE AND 2544 FEET FROM

THE West LINE OF SEC. 6 TWP. 18S RGE. 35E NMPM

15. Date Spudded 4-20-79	16. Date T.D. Reached 5-11-79	17. Date Compl. (Ready to Prod.) 5-26-79	18. Elevations (DF, RKB, RT, GR, etc.) 3972' (GR)	19. Elev. Casinghead 3972'
20. Total Depth 4800'	21. Plug Back T.D. 4760'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	Cable Tools -0-

24. Producing Interval(s), of this completion - Top, Bottom, Name
4338-4719' Grayburg-San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray-Compensated Neutron

27. Was Well Cored
Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	355'	17-1/2"	400 sx.	-0-
9-5/8"	32#	1456'	12-1/4"	800 sx.	-0-
7"	23#	2740'	8-3/4"	650 sx.	-0-
4-1/2"	10.5#	4800'	6-1/8"	800 sx.	-0-

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	4304'

31. Perforation Record (Interval, size and number) Perforate 4-1/2" csg w/2 JSPF @ 4338', 46', 54', 70', 90', 98', 4408', 38', 43', 48', 55', 61', 78', 89', 97', 4514', 24', 36', 44', 55', 98', 4630', 49', 54', 67', 73', 83', 95', 4707', 14' & 4719'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL 4338-4719'
	AMOUNT AND KIND MATERIAL USED 800 gals. 15% NE Acid

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

WATER INJECTION WELL - NO POTENTIAL TEST.

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	Calculation	Hourly Rate	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments
Well completed Shut-In Water Injection 5-26-79

36. I hereby certify that the information shown on both sides is true, correct and complete to the best of my knowledge and belief.

SIGNED W L Coops TITLE Asst. Dist. Supt. DATE 6-5-79

INSTRUCTIONS

on record which
instant Dist.
knowledge.

...the Office of the Commission not later than 30 days after the completion of any newly drilled or
...of all electrical and radioactivity logs run on the well and a summary of all special tests con-
...All test logs reported shall be measured to the true vertical depth of the well. In the case of the primary inlet wells, true vertical depths shall
...the completions, from 10 through 14 shall be reported for each zone. The form is to be filed in quadruplicate except on
...are required. See Rule 11.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

Anhy 1440	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Salt 1585	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salt 2643	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
Yates 2798	T. Miss	T. Cliff House	T. Leadville
7 Rivers	T. Devonian	T. Menefee	T. Madison
Queen 3712	T. Silurian	T. Point Lookout	T. Elbert
Grayburg 4040	T. Montoya	T. Mancos	T. McCracken
San Andres 4320	T. Simpson	T. Gallup	T. Ignacio Qtzite
Glorieta	T. McKee	Base Greenhorn	T. Granite
Paddock	T. Ellenburger	T. Dakota	T.
Blinberry	T. Gr. Wash	T. Morrison	T.
Tubb	T. Granite	T. Todilto	T.
Drinkard	T. Delaware Sand	T. Entrada	T.
Abo	T. Bone Springs	T. Wingate	T.
Wolfcamp	T.	T. Chinle	T.
Penn.	T.	T. Permian	T.
Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....
 No. 2, from.....to..... No. 5, from.....to.....
 No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.
 No. 2, from.....to.....feet.
 No. 3, from.....to.....feet.
 No. 4, from.....to.....feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	945	945	Red Bed	Core #1	- 4340-4400'	- Cut 60', Rec. 59'	
945	1446	501	Red Bed & Anhydrite	Core #2	- 4400-4460'	- Cut 60', Rec. 60'	
1446	1555	109	Anhydrite	Core #3	- 4460-4520'	- Cut 60', Rec. 60'	
1555	2109	554	Salt	Core #4	- 4520-4580'	- Cut 60', Rec. 60'	
2109	2740	631	Salt & Anhydrite	Core #5	- 4580-4640'	- Cut 60', Rec. 60'	
2740	4081	1341	Anhydrite	Core #6	- 4640-4700'	- Cut 60', Rec. 60'	
4081	4800	719	Lime	Core #7	- 4700'-4760'	- Cut 60', Rec. 60'	
	4800		Total Depth				
	4760		PBTD				
			Salt Water Flows Were Encountered @:				
			1586' - 60 BPH - SIP - 900#				
			1765' - 85 BPH - SIP - 900#				
			2295 - 1200 BPH - SIP - 900#				

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

APR 8 1938

NOTICE OF INTENTION TO DRILL

APR 1 1938

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. Instructions in Rules and Regulations of the Commission.

HOBBS OFFICE

Fort Worth, Texas

April 1, 1938

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

ORIGINAL

You are hereby notified that it is our intention to commence the drilling of a well to be known as

The Texas Company State of New Mexico "0" Well No. 2 in SE $\frac{1}{4}$ NE $\frac{1}{4}$

Company or Operator Lease Field, Lea County.
of Sec. 36, T. 17 S, R. 34 E, N. M. P. M., Vacuum

N.

The well is 660 feet (N.) (X) of the S line and 660 feet

(X) (W.) of the E line of NE $\frac{1}{4}$ of Said Section 36

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. B-155 Assignment No. -

If patented land the owner is -

Address -

If government land the permittee is -

Address -

The lessee is The Texas Company

Address Box 2332, Houston, Texas

We propose to drill well with drilling equipment as follows:

Rotary

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: \$10,000 blanket surety bond of Maryland Casualty Company has been filed with State Geologist.

We propose to use the following strings of casing and to land or cement them as indicated: approximately

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
12-1/4"	10-3/4" OD	40.5#	New	250'	Cemented	To surface
9-5/8"	7-5/8" OD	26.4#	"	1550'	"	200
6-3/4"	5-1/2" OD	17#	"	4100'	"	150

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 4300 feet.

Additional information: FORMATIONS EXPECTED:

Top of Salt 1600'
Base of Salt 2750'
Top of Main Brown Lime 3000'

Drilling operations to be commenced immediately.

Approved APR 4 1938, 19
except as follows:

Sincerely yours,

THE TEXAS COMPANY

Company or Operator

By

Position Division Manager

Send communication regarding well to

Name The Texas Company

Address Box 1720, Fort Worth, Texas

OIL CONSERVATION COMMISSION,

By

Title

Oil & Gas Inspector

MISCELLANEOUS NOTICES

APR 22 1938

APR 15 1938

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	☒	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Wink, Texas

Place

April 13, 1938

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

The Texas Company. State of New Mexico "0" Well No. 2 in SE $\frac{1}{4}$ -NE $\frac{1}{4}$
Company or Operator Lease
of Sec. 36, T. 17 S., R. 34 E., N. M. P. M., Vacuum Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Total depth - 261' Red beds.

Set and cemented 239' (11 Jts.) of 10-3/4" OD, 32.75#, lapweld casing at 258' with 200 sacks of El Toro common cement. Completed cementing at 4:30 PM. 4-12-38.

Anticipate drilling plug and testing casing bailing method after 48 hours or at approximately 4:30 PM. 4-14-38.

APR 15 1938

Approved _____, 19____
except as follows:

The Texas Company

Company or Operator

By _____

Position District Superintendent

Send communications regarding well to

Name The Texas Company

Address Drawer K; Wink, Texas

OIL CONSERVATION COMMISSION

By _____

Title Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

APR 29 1938

APR 21 1938

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	☒	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Wink, Texas

April 18, 1938

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

The Texas Company State of New Mexico "0" Well No. 2 in SE $\frac{1}{4}$ -NE $\frac{1}{4}$
 Company or Operator Lease
 of Sec. 36 T. 17 S. R. 34 E N. M. P. M., Vacuum Field,
 Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Total depth - 1553' Anhydrite.

Set and cemented 1528' (65 Jts.) of 7-5/8" OD, 26.40#, lapweld casing at 1536' with 200 sacks of El Toro common cement. Completed cementing at 7:00 AM. 4-17-38.

Anticipate drilling plug and testing casing by pressure method after 60 hours or at approximately 7:00 PM. 4-19-38.

APR 21 1938

Approved _____, 19____
 except as follows:

The Texas Company

Company or Operator

By [Signature]
 Position District Superintendent

Send communications regarding well to

Name The Texas Company

Address Drawer K; Wink, Texas.

OIL CONSERVATION COMMISSION,

By [Signature]
 Title Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	X	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Wink, Texas May 4, 1938

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

The Texas Company State of New Mexico "0" Well No. 2 in SE $\frac{1}{4}$ -NE $\frac{1}{4}$

Company or Operator

Lease

of Sec. 36, T. 17 S., R. 34 E., N. M. P. M., Vacuum Field,

Lea

County.

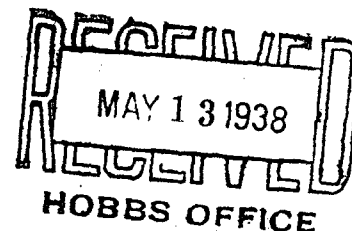
FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Total depth - 4110' Lime.

Set and cemented 4084' (134 lts) of 5 $\frac{1}{2}$ " OD, 17#, seamless casing at 4098' with 250 sacks of El Toro common cement. Completed cementing at 11:45 AM. 5-3-38.

Anticipate drilling plug and testing casing by pressure method after 60 hours or at approximately 11:45 PM. 5-5-38.



MAY 13 1938

Approved _____, 19____
except as follows:

The Texas Company

Company or Operator

By _____

Position District Superintendent

Send communications regarding well to

Name The Texas Company

Address Drawer K; Wink, Texas.

OIL CONSERVATION COMMISSION

By _____

Title _____

Oil & Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MAY 27 1938

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be SUBMITTED IN TRIPLICATE. See instructions in the Rules and Regulations of the Commission.

Fort Worth, Texas

Place

May 18, 1938

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

ORIGINAL

Gentlemen:

Permission is requested to connect The Texas Company State of New Mexico "O"
Company or Operator Lease
 Wells No. 2 in SE¹ NE¹ of Sec. 36, T. 17 S, R. 34 E, N. M. P. M.,
Vacuum Field, Lea County, with the pipe line of the
Texas-New Mexico Pipe Line Company Houston, Texas
Pipe Line Co. Address

Status of land (State, Government or privately owned) StateLocation of tank battery Approximately 1980' West of well No. 2Description of tanks Two high 500 barrel bolted steel tanksLogs of the above wells were filed with the Oil Conservation Commission See note, 19All other requirements of the Commission have [~~been~~] been complied with. (Cross out incorrect words.)

Additional information:

Note: Log of this well will be filed upon receipt of final records.

9

RECEIVED
 MAY 20 1938
 RECEIVED
 HOBBS OFFICE

Yours truly,

Permission is hereby granted to make pipe line connections
requested above.

OIL CONSERVATION COMMISSION,

By A. ANDREAS
State Geologist
Member Oil Conservation Commission
 Title

Date MAY 20 1938

THE TEXAS COMPANY

Owner or Operator

By L. M. Mahan
 Position Division Manager

Address Box 1720, Fort Worth, Texas

NEW MEXICO
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NEW MEXICO
OIL CONSERVATION COMMISSION

OCT 31 1938

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PLUG OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL	X	NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Wink, Texas

Place

Oct. 25, 1938

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

ORIGINAL

Gentlemen:

Following is a notice of intention to do certain work as described below at the

The Texas Company State of New Mexico "0" Well No. 2 in SE $\frac{1}{4}$ -NE $\frac{1}{4}$

of Sec. 36, T. 17 S., R. 34 E., N. M. P. M., Vacuum Field,

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

This well was completed on 5-14-38, at a total depth of 4750' with an initial production of 230 barrels oil in 4 hours. Shortly after completion this well began making some water and it is now producing top allowable plus approximately 3% water. Since this well was drilled to a greater sub-sea depth than the other wells on this lease and the other wells are not making water, we plan to plug this well back to approximately the same sub-sea depth as the surrounding wells with lead wool, in an effort to shut off the bottom-hole water.

RECEIVED
OCT 27 1938
HOBBS OFFICE

Approved OCT 27 1938, 19
except as follows:

The Texas Company

Company or Operator

By *L. H. Shepherd*

Position District Superintendent

Send communications regarding well to

Name The Texas Company

Address Drawer K; Wink, Texas

OIL CONSERVATION COMMISSION

Title *R. W. Walter*

By OIL & GAS INSPECTOR

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

137

Certificate of Compliance and Authorization to Transport Oil

Company or Operator The Texas Company Lease State of N. Mex.

Address Fort Worth, Texas (Box 1270) Fort Worth, Texas (P.

(Local or Field Office) (Principal Place of Business)

Unit H Wells No. 2 Sec. 36 T17S R34E Field Vacuum County _____

Kind of Lease State Location of Tanks On the lease

Transporter Texas-N. Mex. Pipe Line Co Address of Transporter Midland, Texas

(Local or Field Office)

Houston, Texas Percent of oil to be transported 100% Other transporters authorized _____

REMARKS: After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

The undersigned certifies that the above rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 15th day of December, 1944

Oil Conservation Commission. A separate report shall be filed to cover each producing unit as designated by the State of _____ and County of _____ Tarrant }
SS. }
Total }
owner or operator and the transporter previously authorized to transport oil change in the transporter designated to move oil, show under "REMARKS" the previous title. In all cases where the certificate is filed to cover a change in operating ownership or comply with at the time this report is filed, explain fully under the heading "REMARKS".
By _____
(Signature)
Transportation Department is cancelled by the Commission
and the title is changed or

Before me, the undersigned authority, on this day personally appeared _____
known to me to be the person whose name is subscribed to the above instrument, who being by me duly
sworn on oath states that he is authorized to make this report and has knowledge of the facts stated here-
in and that said report is true and correct.

Notary Public in and for Tarrant County, Texas

Approved: FEB 12 1942 194

OIL CONSERVATION COMMISSION

By Roy. Garbrosch.

OIL & GAS INSPECTOR

(See Instructions on Reverse Side)

ORIGINAL

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
AUG 4 1949
HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	X	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

August 2, 1949

Midland, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the
The Texas Company's State of N.M. "O" NCT-1 Well No. 2 in the

Company or Operator SEA NEA of Sec. 36, T. 17-S, R. 34E, N. M. P. M.,
Vacuum Field, Lea County.

The dates of this work were as follows: See below

Notice of intention to do the work was (was not) submitted on Form C-102 on 19
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

TD: 4750-Lime
(PBSD: 4633-See C-103, 1-19-39)

This well was completed with an initial production of 230 bbls oil in 4 hours May, 1938.

Production declined to 17 bbls oil in 24 hours.

Acidized well with 3000 gals (Dowell) 15% acid from 4560 to bottom.

Completed 7-25-49. On test 7-30-49 well swabbed and flowed 44.09 bbls oil, 8% BS&W. GOR 334.

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this

2nd day of August 1949

Wanda A. Walker
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name [Signature]

Position Asst. Dist. Supt.

Representing The Texas Company

Company or Operator

My commission expires June 1, 1952

Address Box 1270, Midland, Texas

Remarks:

APPROVED

Date AUG 5 1949

V. H. Sweeney
Name
Engineer
Title

January 19, 1939.

The Texas Company
State of New Mexico "0" No. 2
Repair

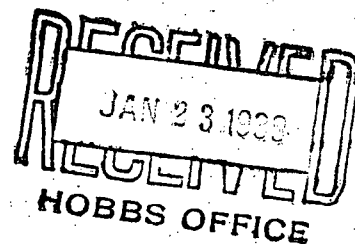
Besides several feet of wire line which was later recovered, the following tools were lost in hole:

6"	-	Fishing socket over rope socket
1' 6"	-	Rope socket
6'	-	Short stroke jars
31'	-	4" drill stem
6'	-	Short stroke jars
6'	-	4" bit

It was necessary to kill the well by running tubing. Fishing tools were then run and all wire line was then fished out. Hold was taken on tools and they were jarred up and down several feet but it was found that they could not be pulled out and line broke at fishing socket and fishing socket was left in hole as shown above. Fishing was then abandoned and 2-1/2" tubing was run to test well. Since the top of the tools had been found to be at 4633', hole is assumed to have been bridged by tools at that point, shutting off all bottom hole water.

Completion report is as follows: Completed work-over 12-4-38.

Initial Production - 22 barrels oil per hour through 7/8" choke on 2-1/2" tubing. Pipe Line Oil.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	X
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Wink, Texas

January 19, 1939

Place

Date

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico.

Gentlemen:

ORIGINAL

Following is a report on the work done and the results obtained under the heading noted above at the

The Texas Company, State of New Mexico "0" Well No. in the
Company or Operator Lease

SE-1/4 of NE-1/4 of Sec. 36, T. 17 S, R. 34 E, N. M. County

Vacuum Field, Lea

The dates of this work were as follows: See below

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on October 25, 1938 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

This well was entered on October 27, 1938 for the purpose of plugging back in an attempt to shut off water which appeared to be coming from bottom of hole.

The hole was measured on 10-29-38 and it was found that the well had filled up with cavings from the original total depth of 4750 to 4735'

When tools were run in hole, they hung at approximately 4600' and in attempting to remove tools from hole, line was broken.

(CONTINUED ON ATTACHED SHEET)

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn to before me this _____

19th day of January, 1939

[Signature]
Notary Public

My Commission expires 5-31-39

I hereby swear or affirm that the information given above is true and correct.

Name *[Signature]*

Position District Superintendent

Representing The Texas Company
Company or Operator

Address Box 1270, Midland, Texas

Remarks:

A. ANDREAS
State Geologist
Member Oil Conservation Commission
Name
Title

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Wink, Texas

May 6, 1938

Place

Date

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.

Gentlemen:

ORIGINAL

Following is a report on the work done and the results obtained under the heading noted above at the _____

The Texas Company State of New Mexico "Q" Well No. 2 in the

Company or Operator

Lease

SE $\frac{1}{4}$ -NE $\frac{1}{4}$ of Sec. 36, T. 17 S., R. 34 E., N. M. P. M.,

Vacuum

Field,

Lea

County

The dates of this work were as follows: See below

Notice of intention to do the work was ~~was not~~ submitted on Form C-102 on May 4 1938
and approval of the proposed plan was ~~was not~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set and cemented 4084' (134 Jts.) of 5 $\frac{1}{2}$ " OD, 17#, seamless casing at 4098' with 250 sacks of El Toro common cement. Completed cementing at 11:45 AM. 5-3-38.

Drilled plug at 11:00 PM. 5-5-38. Tested casing before and after drilling plug with 1,000# pressure. Tested OK.

RECEIVED
MAY 9 1938
HOBBS OFFICE

Witnessed by _____
Name Company Title

Subscribed and sworn to before me this
8th day of May, 1938

[Signature]
Notary Public

My Commission expires 5-31-39

I hereby swear or affirm that the information given above is true and correct.

Name *[Signature]*

Position District Superintendent

Representing The Texas Company

Company or Operator

Address Drawer K: Wink, Texas.

Remarks:

[Signature]
Name

Oil & Gas Inspector

MAY 9 - 1938

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NEW
OIL CONSERVATION

APR 29 1938

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within 10 days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Wink, Texas

April 22, 1938

Place

Date

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

The Texas Company State of New Mexico "O" Well No. 2 in the

Company or Operator

Lease

SE $\frac{1}{4}$ -NE $\frac{1}{4}$ of Sec. 36 T. 17 S. R. 34 E. N. M. P. M.,

Vacuum

Field,

Lea

County

The dates of this work were as follows: See below

Notice of intention to do the work was ~~XXXXXX~~ submitted on Form C-102 on April 19, 1938 and approval of the proposed plan was ~~XXXXXX~~ obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set and cemented 1528' (65 Jts.) of 7-5/8" OD, 26.40#, lapweld casing at 1536' with 200 sacks of El Toro common cement. Completed cementing at 7:00 AM. 4-17-38.

Drilled plug at 7:00 PM. 4-19-38. Tested casing before and after drilling plug with 1200# pressure; Tested OK.

Witnessed by

Name

Company

Subscribed and sworn to before me this

22 day of April, 1938

Notary Public

My Commission expires 5-31-39

I hereby swear or affirm that the information given above is true and correct.

Name

Position District Superintendent

Representing The Texas Company

Company or Operator

Address Drawer K; Wink, Texas.

Remarks:

Oil & Gas Inspector

Title

APR 25 1938

APR 29 1938

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

APR 21 1938

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Wink, Texas

April 17, 1938

Place

Date

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

The Texas Company State of New Mexico "Q" Well No. 2 in the

Company or Operator

Lease

SE $\frac{1}{4}$ -NE $\frac{1}{4}$ of Sec. 36 T. 17 S., R. 34 E., N. M. P. M.,

Vacuum

Field,

Lea

County

The dates of this work were as follows: See below

Notice of intention to do the work was ~~received~~ submitted on Form C-102 on April 13 1938
and approval of the proposed plan was ~~received~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set and cemented 239' (11 Jts.) of 10-3/4" OD, 32.75#, lapweld casing at 258' with 200 sacks of El Toro common cement. Completed cementing at 4:30 PM. 4-12-38.

Drilled plug at 5:00 AM. 4-14-38. Bailed hole dry, let stand one hour, tested OK. Hole dry.

Witnessed by _____
Name Company Title

Subscribed and sworn to before me this _____
th
17 day of April, 1938

W. C. Chapman
Notary Public

My Commission expires 5-31-39

I hereby swear or affirm that the information given above is true and correct.

Name *W. C. Chapman*

Position District Superintendent

Representing The Texas Company
Company or Operator

Address Drawer K; Wink, Texas

Remarks:

Guy Shepard JMB
Name

Oil & Gas Inspector

Title

N.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL RECORD		HOBBS OFFICE	
Santa Fe, New Mexico		JUN 6 - 1938	
WELL RECORD		HOBBS OFFICE	
ORIGINAL		ORIGINAL	
Area 640 Acres Locate Well Correctly The Texas Company		Company or Operator State of N.M. "0"	
Well No. 2		Address 36	
Lease 34-E		County 17-S	
N. M. B. M. Vacuum		Lea 0302	
Well is 1980 feet south of the North line and 660 feet west of the East line of		Said Sec. 36	
If State land the oil and gas lease is No. 1553		Assignment No. 0000	
If patented land the owner is		Address 0000	
If Government land the permittee is		Address 0000	
The Lessee is The Texas Company		Box 2332, Houston, Texas	
Drilling commenced April 12th		May 14th	
Name of drilling contractor American Drilling Corp.		Hobbs, New Mexico	
Elevation above sea level at top of casing 4000 feet at Derr Floor		19	
The information given is to be kept confidential			
OIL SANDS OR ZONES			
No. 1, from 8100 to 3124		No. 4, from 4750 to Oil	
No. 2, from 4495 to 4515		No. 5, from 0000 to 0000	
No. 3, from 12560 to 4660		No. 6, from 0000 to 0000	
IMPORTANT WATER SANDS			
Include data on rate of water inflow and elevation to which water rose in hole.			
No. 1, from		feet.	
No. 2, from		feet.	
No. 3, from		feet.	
No. 4, from		feet.	

CASING RECORD

[illegible]

PLUGGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	10-3/4"	258	200	Halliburton		
	7-5/8"	1536	200	"		
	5-1/2"	4098	250	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 4750 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing May 14th 1938 On Test
 The production of the first 24 hours was 230 barrels of fluid of which 100 % was oil; -- %
 emulsion; -- % water; and -- % sediment. Gravity, Ba 37.6
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____ Gas-Oil Ratio 700

EMPLOYEES

R.W. Riker _____, Driller Chas. Kemnitz _____, Driller
 J.R. Branscum _____, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 3rd

day of June, 1938

[Signature]
 Notary Public

My Commission expires 5-31-39

Wink, Texas June 3rd, 1938

Place Date

Name *[Signature]*

Position District Superintendent

Representing The Texas Company
 Company or Operator

Address Drawer "K" Wink, Texas

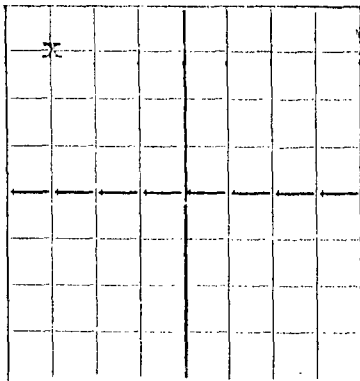
see "M.M. to state - 1887
Lee County, New Mexico

FORM C-105

FORMATION RECORD
NEW MEXICO OIL CONSERVATION COMMISSION

FROM	TO	THICKNESS	FORMATION						
30	214	184	Caliche						
214	260	46	Sand & Shells						
260	975	715	Red Rock & Red Beds						
975	1175	200	Red Beds & Shells						
1175	1420	30	Red Rock						
1420	1460	215	Hard Sand						
1460	1500	40	Red Rock & Red Beds						
1500	1600	100	Shale & Gyp						
1600	2200	600	Red Rock						
2200	2470	270	Anhydrite						
2470	2610	140	Salt & Anhydrite						
2610	2890	280	Salt						
2890	2900	10	Salt & Anhydrite						
2900	3020	120	Anhydrite						
3020	3100	80	Brown Lime & Anhydrite						
3100	3224	224	Sandy Lime						
3224	3390	266	Anhydrite and Lime						
3390	3440	50	Anhydrite & Shale						
3440	3794	354	Anhydrite						
3794	4110	316	Lime & Anhydrite						
4110	4495	385	Hard Grey & Brown Lime						
4495	4515	20	Sandy Lime						
4515	4560	45	Brown Lime						
4560	4660	100	Broken Brown Lime						
4660	4750	90	Saturated Lime						
Total Depth			4750						
Deviation Tests as Follows:									
No. 1. from 0' to 500' - 2°									
No. 2. from 500' to 1000' - 1°									
No. 3. from 1000' to 1544' - 3/4°									
No. 4. from 1544' to 2000' - 3/4°									
No. 5. from 2000' to 2500' - 1/2°									
No. 6. from 2500' to 3000' - 1/2°									
No. 7. from 3000' to 3390' - 1°									
No. 8. from 3390' to 3700' - 1°									
No. 9. from 3700' to 4100' - 1°									
No. 10. from 4100' to 4750' - 1°									
Include data on rate of water flow and elevation to which water rose in hole.									
Casing Record									
SIZE	WEIGHT	PER FOOT	THREADS	MARKS	AMOUNT	KIND OF	FROM	PERFORATED	PURPOSE
10-3/4"	33.75				333	Reg. Pattern			
7-5/8"	30.40				1547	Black Gauge			
5-1/2"	17.				3113	Halliburton Gauge			

N.



AREA 610 ACRES
LOCATE WELL CORRECTLY

Skelly Oil Co., operator for
Geo. F. Cotty, Inc.

NEW MEXICO
OIL CONSERVATION COMMISSION

NEW MEXICO OIL CONSERVATION COMMISSION

SEP 23 1938

Santa Fe, New Mexico

WELL RECORD

RECEIVED
SEP 19 1938
HOBBS OFFICE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

ORIGINAL

Company or Operator: Hobbs, New Mexico
Address: Hobbs, New Mexico
State: N. M. Well No.: 3 In Q. 1 W. 17 of Sec. 36 T. 17
Lease: 34 N. M. P. M. Vacuum Field, Lea County.
Well is 660 feet south of the North line and 4640 feet west of the East line of Sec. 36.
If State land the oil and gas lease is No. B-1565 Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is _____ Address _____
Drilling commenced Aug. 1, 1938 Drilling was completed Sept. 8, 1938
Name of drilling contractor American Drilling Corp., Address Hobbs, New Mexico
Elevation above sea level at top of casing 4018 feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 4647' to 4705' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
15" OD 55#	Welded	Welded	Armco	270'				
5-5/8"	36#	8	EW	1519' 3"				
7"	24#	10	Sals	4116'				
Tubing								
2"	4.17	10	Sals	4737' 6"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	13"	268'	200	Halliburton		
11"	9-5/8"	1523'	300	Halliburton		
8-1/4"	7"	4100'	300	Halliburton		
Tubing	2"	4705'	Swung			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
None						

Results of shooting or chemical treatment No treatment.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from top feet to to bottom feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Sept. 10, 1938

The production of the first 24 hours was 1018 barrels of fluid of which 100 % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. G. Mills, Driller Chas. Kemnitz, Driller

R. V. Rodans, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 17

day of September, 19 38

[Signature]
Notary Public

My Commission expires Dec 10 1940

Hobbs, New Mexico Sept. 17, 1938
Place Date

Name [Signature]

Position District Superintendent

Representing Skelly Oil Co. operator for
Company or Operator

Geo. F. Getty, Inc.
Address Hobbs, New Mexico

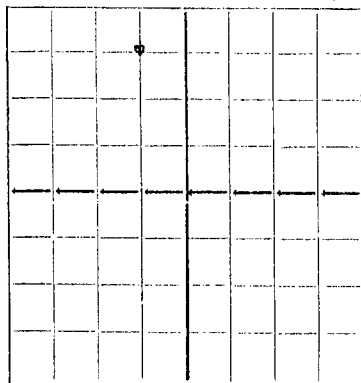
FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	40	40	Caliche
40	70	30	Sand & Gravel
70	210	140	Caliche, Sand & Clay
210	230	20	Red Bed & Shells
230	270	40	Red Bed
270	555	285	Red Bed & Shells
555	725	170	Red Bed
725	1250	525	Red Bed & Shells
1250	1330	80	Brown & Blue Shale & Shells
1330	1385	55	Red Rock, Shale & Shells
1385	1440	55	Red Bed, Blue Shale & Shells
1440	1463	23	Blue & Brown Shale
1463	1469	6	Anhydrite
1469	1486	17	Blue & Brown Shale
1486	1508	22	Anhydrite, Shale & Red Rock
1508	1626	118	Anhydrite
1626	1785	159	Anhydrite, Shells, Salt & Red Bed
1785	1820	40	Salt, Anhydrite & Red Shale
1820	2110	290	Anhydrite & Salt
2110	2320	210	Salt, Anhydrite & Shale
2320	2675	355	Salt & Broken Anhydrite
2675	2800	125	Anhydrite & Shale Breaks
2800	2875	75	Anhydrite & Soft Shale
2875	2945	70	Anhydrite
2945	3010	65	Hard Anhydrite
3010	3022	12	Anhydrite & Gypsum
3022	3055	33	Anhydrite & Lime
3055	3115	60	Anhydrite
3115	3150	35	Anhydrite & Gypsum
3150	3235	85	Anhydrite, Gypsum & Shale
3235	3340	105	Anhydrite
3340	3365	25	Anhydrite & Gypsum
3365	3475	110	Hard Anhydrite
3475	3540	65	Hard Anhydrite & Gypsum
3540	3575	35	Hard Gray Anhydrite
3575	3650	75	Anhydrite & Gypsum
3650	3685	35	Anhydrite
3685	3717	32	Anhydrite & Gypsum
3717	3725	8	Hard Anhydrite
3725	3730	5	Anhydrite & Lime
3730	3853	123	Hard Anhydrite
3853	3865	12	Anhydrite & Gray Lime
3865	3925	60	Hard Anhydrite
3925	3975	50	Hard Anhydrite & Lime
3975	4000	25	Hard Anhydrite
4000	4100	100	Anhydrite & Lime
4100	4125	25	Hard Gray Lime
4125	4173	48	Brown & Gray Lime
4173	4275	102	Hard Gray Lime
4275	4303	28	Brown & Gray Lime
4303	4318	15	Hard Gray Lime
4318	4394	76	Gray Lime
4394	4430	36	Brown Lime
4430	4459	29	Gray Lime
4459	4470	11	Hard Gray Lime
4470	4500	30	Brown Lime

Brown Lime, Hard
Hard Gray Lime
Gray & Brown Lime
Gray Lime
Brown Sandy Lime
Soft, Brown Lime.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

ORIGINAL

Geo. F. Getty, Inc. (Skelly Oil Co., Operator) Hobbs, New Mexico
Company or Operator Address

State "F" Well No. 4 In CNE NW of Sec. 36 Lease 17
R. 34 N. M. P. M. Vacuum Lea County
Well is 660 feet south of the North line and 3300 feet west of the East line of Sec. 36
If State land the oil and gas lease is No. B-1565 Assignment No. 00
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Geo. F. Getty, Inc. Address Jersey City, New Jersey
Drilling commenced Dec. 2, 1938 Drilling was completed Jan. 3, 1939
Name of drilling contractor American Drilling Corp. Address Hobbs, New Mexico
Elevation above sea level at top of casing 4013 feet
The information given is to be kept confidential until 1939

OIL SANDS OR ZONES

No. 1, from 4200' to 4698' No. 4, from 8' to 13' 10"
No. 2, from 4' to 8' No. 5, from 8' to 13' 10"
No. 3, from 4' to 8' No. 6, from 8' to 13' 10"

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 4' to 8' feet.
No. 2, from 4' to 8' feet.
No. 3, from 4' to 8' feet.
No. 4, from 4' to 8' feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
13"	35#	Welded	Armco	261' 3"				
9-5/8"	36#	8	Smls.	1318' 10"				
7"	24#	10	Smls.	4112' 4"				
Tubing								
2" I.D.	4.7#	10	Smls.	4722' 8"				

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. OF JOBS OR TREATMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
14 3/4"	13"	268'	200	Halliburton	-	Cement circulated to cellar.
11 1/4"	9-5/8"	1526'	300	Halliburton		
8 1/2"	7"	4094'	300	Halliburton		
Tbg.	2"	4699'				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from Top feet to 4700' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Jan. 6, _____, 19 39
 The production of the first 24 hours was 1356 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, Ba. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Chas. Kemnitz _____, Driller J. R. Branwon _____, Driller
R. W. Ritchie _____, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 31 Hobbs, New Mex. Jan. 31, 1939
 day of January, 19 39 Name P. E. Landon
L. E. Nelson Position District Foreman
 Notary Public Representing SKELLY OIL CO. - Operator for
 My Commission expires Dec 10, 1940 Geo. F. Cetty, Inc. Company or Operator
 Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	60	60	Surface soil & sand
60	110	50	Soft Sand
110	130	20	Sand & Gravel
130	211	81	Sand, Gravel & Shells
211	278	67	Red Bed & Shells
278	310	32	Red Bed
310	1075	765	Red Bed & Shells
1075	1100	25	Shells
1100	1390	290	Shale & Shells
1390	1457	67	Blue & Brown Shale
1457	1463	6	Anhydrite & Shale
1463	1505	42	Red Rock, Shale & Shells
1505	1635	130	Anhydrite
1635	1660	25	Salt Breaks
1660	1910	250	Salt, Shells & Anhydrite
1910	1922	12	Anhydrite
1922	2100	178	Salt & Anhydrite
2100	2470	370	Salt & Anhydrite Shells
2470	2500	30	Anhydrite & Salt
2500	2632	132	Salt
2632	2870	238	Anhydrite & Shale
2870	2900	30	Anhydrite
2900	2920	20	Anhydrite & Shale
2920	3015	95	Anhydrite & Lime Breaks
3015	3035	20	Anhydrite
3035	3045	10	Anhydrite & Brown Lime
3045	3075	30	Anhydrite
3075	3082	7	Anhydrite & Lime
3082	3145	63	Anhydrite
3145	3175	30	Anhydrite & Brown Lime
3175	3229	54	Anhydrite
3229	3232	3	Brown Lime
3232	3280	48	Anhydrite
3280	3510	230	Anhydrite & Gypsum
3510	3610	100	Anhydrite
3610	3710	100	Anhydrite & Lime
3710	3745	35	Anhydrite
3745	3840	95	Lime & Anhydrite
3840	3925	85	Anhydrite
3925	3955	30	Anhydrite & Lime
3955	3985	30	Anhydrite & Gypsum
3985	4035	50	Anhydrite
4035	4080	45	Anhydrite & Lime
4080	4094	14	Gray Lime
4094	4115	21	Lime & Anhydrite
4115	4175	60	Gray Lime
4175	4195	20	Lime
4195	4266	71	Hard Gray Lime
4266	4269	3	Hard Brown Lime
4269	4360	91	Gray Lime
4360	4370	10	Brown Lime
4370	4378	8	Gray Lime
4378	4402	24	Brown Lime
4402	4458	56	Gray Lime
4458	4480	22	Gray & Brown Lime
4480	4498	18	Gray Lime

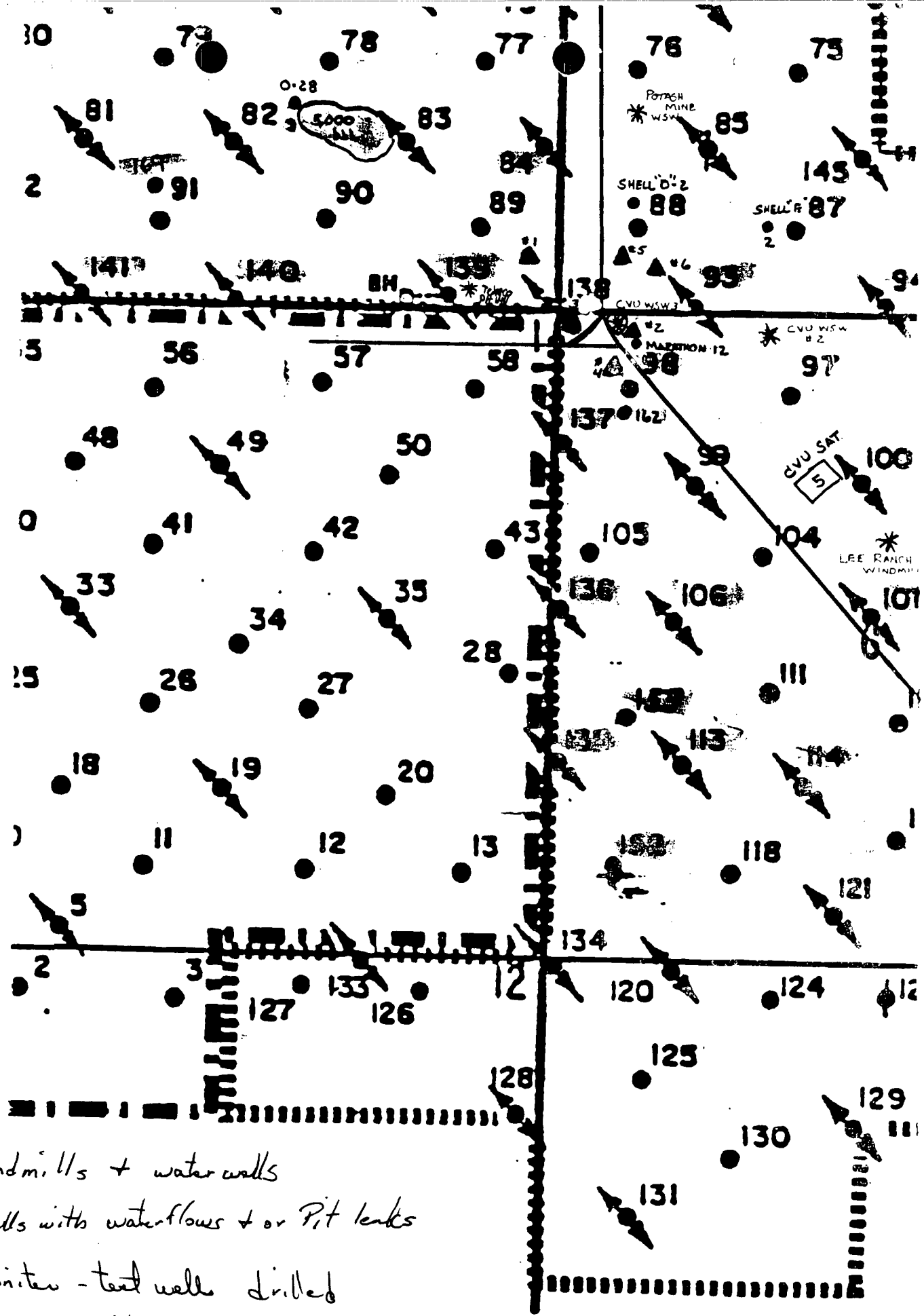
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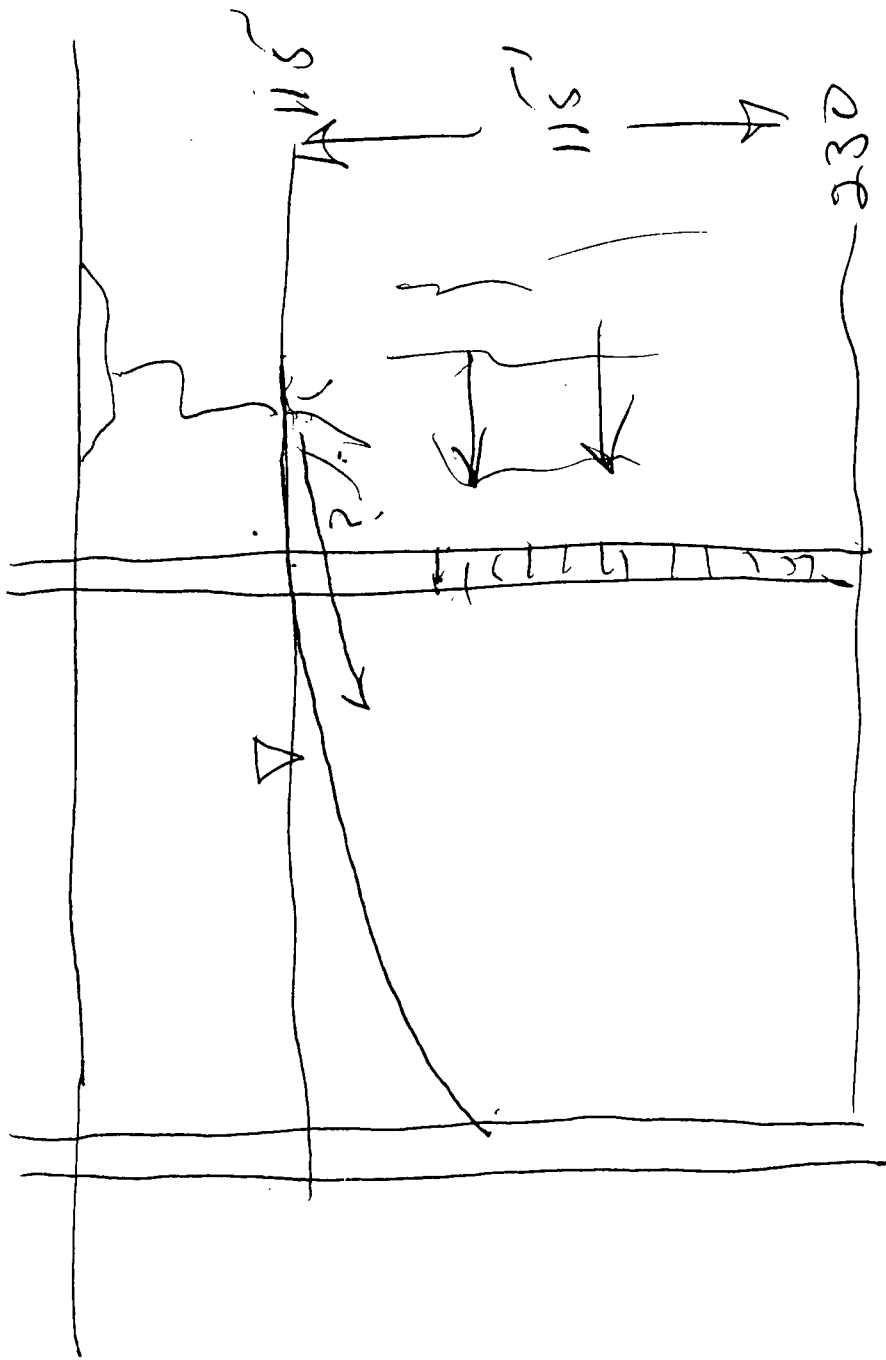
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WELL

WELL



Re-cap

Test well #1 located approx 400 ft to NW
of CUU#3
TD - 200 ft
chloride - 100 ppm

Test well #2 located approx 200 ft SE
of CUU#3
TD - 238 To Red Bed - water sand approx 115 ft
chloride 56.8 ppm Cl

Test well #3 located 250 - 300 ft west off of
ing well #138
TD - 237 Red Bed
chloride 71 ppm

Test well #4 located 400 ft $\pm$ South of CUU#3
TD 232 Red Bed
Water Sand 118 - 120
chloride 42.6 ppm

Test Well #5 located 200-250 ft North NW
of CVU #3
TD - 234 To Red Bed
chloride 56.8

Test Well #6 located 200-250 ft NE of CVU #3
TD - 236 Red Bed
chloride 56.8 ppm

All wells with 3" PVC
+ 80 ft of Perfor.

check water levels while CVU #3 pump / pumping at
a rate of 10,000 b/s per day. Chlorides on CVU #3 changes
from 1900 ppm to 2400 ppm.

Well #1 - 122' - 2"
2 - 124' - 2"
3 - 124' - 5"
4 - 120' - 5"

check levels 3hr after CVU #3 shut in

Well #1 122'
2 122' 3"
3 122' 8"
4 119' 10"

levels on 5 + 6 not available

VACUUM FIELD FRESH WATER WELLS

LEA COUNTY, NEW MEXICO

CHLORIDE CONTENT (PPM)

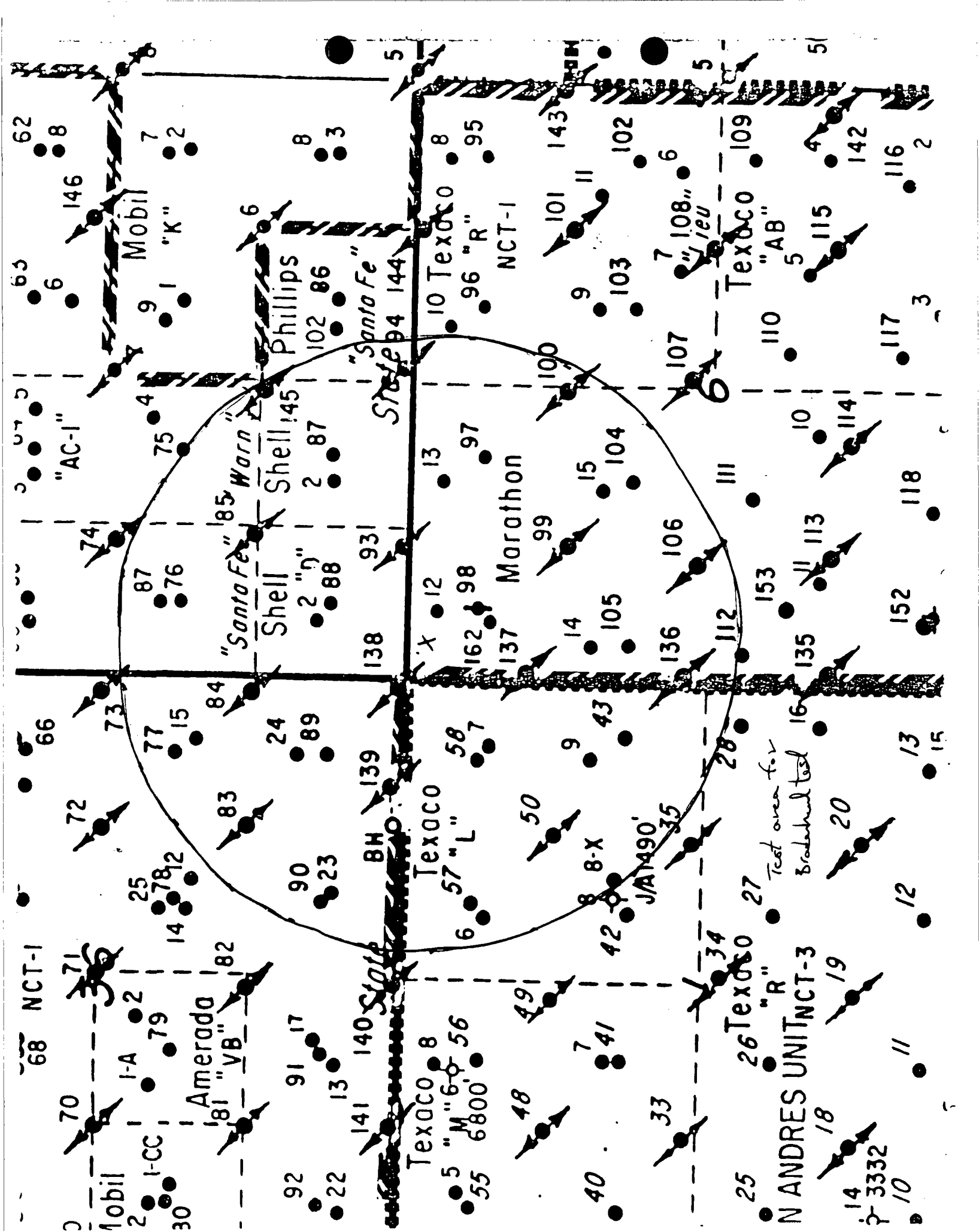
1.0. WELL DESCRIPTION	1907				1908				1909			
	FOURTH QUARTER	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	FOURTH QUARTER	THIRD QUARTER	FOURTH QUARTER
1 TEXACO VESPAU SUPPLY WELL NO. 1	173	156	156	142	165			196	213			
2 TEXACO VESPAU SUPPLY WELL NO. 2				131				*	*			*
3 TEXACO VESPAU SUPPLY WELL NO. 3	145	153	170	190	213			*	*			*
4 TEXACO VESPAU SUPPLY WELL NO. 4	42	44	45	34	46			44	35			
5 TEXACO CVU SUPPLY WELL NO. 1		554	280	582	668			544	*			
6 TEXACO CVU SUPPLY WELL NO. 2	99	94	99	92	108			192	99			
7 TEXACO CVU SUPPLY WELL NO. 3		87	79	91	109			114	189			
8 TEXACO BUCKEYE OFFICE WELL	183	186	139	108	131			122	124			
9 TEXACO GAS PLANT WATER WELL								116	187			
10 BUCKEYE STORE WATER WELL	71	70	57	53	55			52	38			
11 FORKLIFT ENT. BUCKEYE STATION								*	*			
12 RANCH WINDMILL	40	42	38	36	36			*	34			
13 RANCH WINDMILL	36	37	33	35	37			36	37			
14 N. M. POTASH CORP. WELL NO. 1								*	101			
15 N. M. POTASH CORP. WELL NO. 5	103							88	78			
16 N. M. POTASH CORP. WELL NO. 6	47							*	*			
17 N. M. POTASH CORP. WELL NO. 7	45							40	55			
18 N. M. POTASH CORP. WELL NO. 8	277	277	291		304			206	277			
19 AMAX WATER WELL	83							100	72			
20 WESTERN AG MINERALS WELL NO. 1	93							78	62			
21 WESTERN AG MINERALS WELL NO. 4	48							42	37			
22 WESTERN AG MINERALS WELL NO. 5								*	27			
23 WESTERN AG MINERALS WELL NO. 6	51							48	*			
24 WESTERN AG MINERALS WELL NO. 7	46							*	*			
25 NATL. POTASH WATERWELL NO. 7	244							*	*			
26 NATL. POTASH WATERWELL NO. 2								*	*			
27 RANCH WINDMILL	59	60	40	36	38			40	60			
28 WESTERN AG MINERALS WELL NO. 9	62	62	65	62	64			68	70			
29 NVAU NO. 100	152	146	160	146	146			166	180			
30 NVAU NO. 101	100	152	150	142	142			140	140			
31 BRIDGES STATE NO. 179	64	56	60	48	55			44	60			
32 BRIDGES STATE NO. 94	88	80	85	84	80			88	85			
33 RANCH WINDMILL	39	38	45	36	44			38	40			
34 AMAX NO. 7	57	64	62	60	60			58	70			
35 AMAX NO. 6	53	62	55	52	56			62	60			
36 MOBIL OFFICE WATER WELL	45	46	46	48	44			50	60			
37 N.M. POTASH WATER WELL NO. 9	47	42	42	48	40			44	49			
38 NO NAME NO PUMP								*	*			

VACUUM FIELD FRESH WATER WELLS

LEA COUNTY, NEW MEXICO

CHLORIDE CONTENT (PPM)

I.D. WELL DESCRIPTION	1987				1988				1989			
	FOURTH QUARTER	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	FOURTH QUARTER	THIRD QUARTER	FOURTH QUARTER
39 RANCH WINDMILL	38	38	40	34	38	40	36	40				
40 NO NAME NO PUMP							*					
41 RANCH WINDMILL							*					
42 RANCH WELL							*					
43 RANCH WELL							*					
44 RANCH WELL							*					
45 LEE PLANT SUPPLY WELL NO. 1	79	48		52		62	30			60		
46 LEE PLANT SUPPLY WELL NO. 2							*			168		
47 LEE PLANT SUPPLY WELL NO. 3	250			164	192	200	206					
48 LEE PLANT SUPPLY WELL NO. 4	190	156	170	176	160		117					
49 LEE PLANT MONITOR WELL NO. 1	113						*					
50 LEE PLANT MONITOR WELL NO. 2	248						*					
51 LEE PLANT MONITOR WELL NO. 3	85						*					
52 LEE PLANT MONITOR WELL NO. 4	99						*					
53 HALE MABLE SUPPLY WELL NO. 50-1	43	36	80	40	35	44	22			34		
54 HALE MABLE SUPPLY WELL NO. 50-2	71	76	90	62	52	80	47			66		
55 RANCH WINDMILL	47						*					
56 RANCH WINDMILL	38						*					
57 EVGSAU SUPPLY WELL NO. 2721-504	115	40	50	52	60	64	32			60		
58 EVGSAU SUPPLY WELL NO. 2941-505							*					
59 EVGSAU SUPPLY WELL NO. 3366-506	59	42	37	52	62	76	58			64		
60 EVGSAU SUPPLY WELL NO. 3202-507	59	28	32	50		60	30			64		
61 EVGSAU SUPPLY WELL NO. 2060-501	78	40	46	48	56	60	46			44		
62 EVGSAU SUPPLY WELL NO. 2865-502	61	36	80	50	60	64	56			60		
63 MOBIL SUPPLY WELL NO. 508							*					
64 MOBIL SUPPLY WELL NO. 509							*					
65 RANCH WINDMILL	54	36	90			44	38			48		
66 RANCH WINDMILL							*					
67 RANCH WINDMILL	42	20	50	32		42	24					
68 WATER WELL							*					
69 CHEVRON DOGHOUSE			70	50	24	28	8			20		
70 EXXON DOGHOUSE							*					
71 RANCH WINDMILL												
72 STATE OBSERVATION WELL NO. 1	27	18	20	16	30	18	20			11		
73 STATE OBSERVATION WELL NO. 4					57	57	57					
74 STATE OBSERVATION WELL NO. 5					57	71	*					
75 SW PUBLIC SERVICE WELL NO. 26			31	360	43		28					
76 SW PUBLIC SERVICE WELL NO. 27			36	109	57		*					
77 SW PUBLIC SERVICE WELL NO. 28			48	>2000	700	269	184			199		



Bradenhead Results

FORM G-6 (1/87)

[illegible]

10-18-89

Inj. well Bradenhead Survey

	well	csg	Sur.	Int.	Tbg.
1	CVU 138	0	0	0	
2	139	0	0	Puff	375
3	84	Puff	Puff	15"	1040
4	83	Puff	0	0	900
5	85	Puff	0	0	680
6	94	Puff	0	0	1240
7	93	Puff	Puff	Puff	1050
8	137	425	700	0	1180
9	99	20	0	0	0
10	100	Blow	0		0
11	106	0	0	0	1000
12	136	Blow	Puff	0	960
13	vg 50	0	0	0	850
14	CVU 145	50	0	0	950

Being
Repaired

10-19-89

CVU 137

4 Monitor Well #1
Texas Well with 13 inch casing
By Underflow

Monitor Well #2 located approx 200 ft SE of well #1
Drill to Red Bed.

TD 238 Red Bed Top of hole 113 approx
Perf - 60 ft of Perf + 5 ft

Run down #3 - 2277 + 2210

10/25/89

Monitor Well #1

Top H₂O 122 ft By Probe From Top of Pipe

Sample Taken at 130 ft

Under Test 195 ppm
140 ft 110

check water under 122 ft 1100

Monitor Well #2

126 ft Top of Pipe

Sample Taken 140 ft

Under Test - 60 ppm

check water level 123 ft 1115

Under Test
1260 ft

Shot casing
in 11:20

10/26/89

Test Well #3 located Dist. of Corv #3
approx 300 ft + East of Ig well 138 - 7011.
Drill to Red Bed

TD-237

Hit cavity at 125-135 lost circulation. water sand approx 118.

Run 3" PVC + Jet.

80 ft of Perfor.

Test Samples

Sample #1 142X.5 = 71

#2 142X.5 = 71

#3 142X.5 = 71

Well cleaned up good.
Samples 15 min apart.

Collect Drilling Water

Sample. 56.8 ppm O

Test Well #4 located approx 11 South of Corv #3
of North edge of old well pit elev 162.98
Red Bed TD-232

80 ft of Perfor.

Water Sand - 118-120 ft

Run 3" PVC + Jet

Sample #1 15 min pump time 142X.5 = 71 ppm

#2 15 min

142X.4 = 56.8 ppm

#3 15 min

142X.4 = 56.8 ppm

#4 15 min

142X.3 = 42.6

#5 15 min

142X.3 = 42.6

Drilling Water 142 x .7 = 56.8

10/25 Monitor Well #1 142 x .8 = 113 ppm
10/25 Monitor Well #2 142 x .7 = 99.4 ppm
10/25 CUV #3 Sample #1 710 x 3.3 = 2343 ppm after shut-in
10/25 CUV #3 Sample #2 710 x 3.3 = 2343 ppm 15' x 20 min
10/26 Monitor Well #3 Sample #1 142 x .5 = 71 ppm Cl
15 min Sample #2 142 x .5 = 71 ppm Cl
15 min Sample #3 142 x .5 = 71 ppm Cl
10/26 CUV #3 5ml 710 x 2.9 = 2059 ppm Cl 12:00
10/26 Lea Ranch Mill SE of Test Site - 142 x .4 = 56.8

10/27/89

~~Check~~ Check Water Levels: Monitor Well #1 - 122' 0"
Well #2 - 124' 3"
Well #3 - 124' 5"
Well #4 - 122' 5"
Same

Shut CUV #3 in Check Samples.

Well	Depth	Cl	3hr Shut-in Water Level (ft)
Test Well #1	170'	183.6 ppm Cl	#1 - 122
Test Well #2	170'	56.8 ppm Cl	#2 - 122.3
Test Well #3	180'	56.8 ppm Cl	#3 - 122.8
Test Well #4	190'	42.6 ppm Cl	#4 - 119.10
CUV #3		1988 ppm Cl	

1 Root Sample

10/30/89

11:00

TEST well #5 TD 234 ft to Red Bed

Well Located North-NW of CVU #3 - 250 ft.

Run 5" pipe

Run 1" & Jet Samples.

Drilling Water - 56

80 ft of Perf.

15 min

Sample #1 - $142 \times .5 = 71$ ppm Cl

15 min

Sample #2 - $142 \times .4 = 56.8$ ppm Cl

15 min

Sample #3 $142 \times .4 = 56.8$ ppm Cl

30 min

Sample #4 $142 \times .4 = 56.8$ ppm Cl

15 min

Sample #5 $142 \times .4 = 56.8$ ppm Cl

11:15

CUU 5m / $710 \times 3.4 = \underline{2414}$ ppm Cl

Move to #6

Test Well #6 Located 250 ft NE of CVU #3

TD-236 Red Bed

Water Sand 115'

Run 3" PVC with 80' of Perf.

Run 1" & Jet Samples.

15 min Sample #1 $142 \times .4 = 56.8$ ppm Cl.

15 min Sample #2 $142 \times .4 = 56.8$ ppm Cl.

30 min Sample #3 $142 \times .4 = 56.8$ ppm Cl

15 min Sample #4 " " " "