

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

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NFW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
State D-11

2. Name of Operator
Shell Oil Company

3. Address of Operator
P.O. Box 1509; Midland, TX 79702

9. Well No.
2

10. Field and Pool, or Wildcat
**Maljamar Grayburg
San Andres**

4. Location of Well
UNIT LETTER **L** LOCATED **1980** FEET FROM THE **south** LINE AND **660** FEET FROM
THE **west** LINE OF SEC. **11** TWP. **17S** RGE. **33E** NMPM

11. County
Lea

15. Date Spudded **3-11-78** 16. Date T.D. Reached **3-23-78** 17. Date Compl. (Ready to Prod.) **4-21-78** 18. Elevations (DF, Rkb, RT, GR, etc.) **4160.4 GR** 19. Elev. Casinghead **-**

20. Total Depth **4632** 21. Plug Back T.D. **---** 22. If Multiple Compl., How Many **---** 23. Intervals Drilled By Rotary Tools **0-TD** Cable Tools **---**

24. Producing Interval(s) of this completion - Top, Bottom, Name
4396-4527 Grayburg
4592-4600 San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
MLL-ML, DLL-GR, CNL-FDC-GR

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
8-5/8"	24#	415'	12 1/4"	450 sx Class C	---
5 1/2"	14#	4629'	7 7/8"	1350 sx Lite + 350 sx Class C	---

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	4597'	---

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

4396-4527' (10 holes)

4592-4600' (4 holes)

1 - .39" JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4396-4600'	3600 gals 15% NEA. Frac'd w/21500 gals gelled 1% KCl wtr w/30# 1000 gals Krystal Frac-30.

33. PRODUCTION

Date First Production **4-22-78** Production Method (Flowing, gas lift, pumping - Size and type pump) **20 x 150 x RHBC-20-4-0 pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test 4-26-78	Hours Tested 24	Choke Size ---	Prod'n. For Test Period ---	Oil - Bbl. 22	Gas - MCF 20	Water - Bbl. 2	Gas - Oil Ratio 909
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate ---	Oil - Bbl. ---	Gas - MCF ---	Water - Bbl. ---	Oil Gravity - API (Corr.) 36.4°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Flared** Test Witnessed By **R. E. Roach**

35. List of Attachments
C-104, Logs, Inclination Report

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.

J. D. D'Agostino
Senior Drilling Engineer

SIGNED J. D. D'Agostino TITLE _____ DATE **6/6/78**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity 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 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 quadruplicate **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

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Kustler 1500'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2818'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3105'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3756'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 4273'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4545'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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.D. 4632'	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	3123	3123	Salt, shale, anhydrite, siltstones				
3128	3800	672	Anhydrite, lime, shale, sand				
3800	4310	510	Sand & lime				
4310	4545	235	Dolomite, sand, siltstone				
4545	4623	78	Dolomite, shales				

-- INCLINATION REPORT

OPERATOR Shell Oil Company ADDRESS Box 1509, Midland, Texas 79701
 LEASE NAME State D 11 WELL NO. 1 FIELD _____
 LOCATION Section 11, T-17S, R-33E Lea County,

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
415	1/4	1.8260	1.8260
903	1/4	2.1472	3.9732
1396	1/4	2.1692	6.1424
1783	1/4	1.7028	7.8452
2261	1/4	2.1032	9.9484
2735	3/4	6.2094	16.1578
3038	1 1/4	6.6054	22.7632
3577	1	9.4325	32.1957
4027	1	7.8750	40.0707
4598	1	9.9925	50.0632
4715	1 1/4	2.5506	52.6138

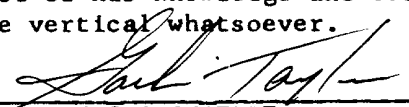
I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

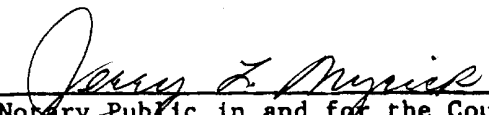

 TITLE Garlin Taylor, Adm. Asst.

AFFIDAVIT:

Before me, the undersigned authority, appeared Garlin Taylor
 known to me to be the person whose name is subscribed herebelow, who, on making
 deposition, under oath states that he is acting for and in behalf of the operator
 of the well identified above, and that to the best of his knowledge and belief such
 well was not intentionally deviated from the true vertical whatsoever.


 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 17th day of March, 1978


 Notary Public in and for the County
 of Lea, State of New Mexico

SEAL

MY COMMISSION EXPIRES MARCH 1, 1980

NEW MEXICO OIL CONSERVATION COMMISSION
 REQUEST FOR ALLOWABLE
 AND
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-11.
 Effective 1-1-65

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LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

I. Operator
Shell Oil Company
 Address
P. O. Box 1509; Midland, Texas 79702

Reason(s) for filing (Check proper box) Other (Please explain)
 New Well Change in Transporter of Oil
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

**CASINGHEAD GAS MUST NOT BE
 TAKEN AFTER 8-1-78
 UNLESS PERMISSION TO R-4076
 IS OBTAINED.**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name State D-11	Well No. 2	Pool Name, Including Formation Maljamar Grayburg San Andres	Kind of Lease State, Federal or Fee State	Lease No.
Location Unit Letter L ; 1980 Feet From The south Line and 660 Feet From The west Line of Section 11 Township 17S Range 33E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Western Oil Transportation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 838, Hobbs, NM 88240
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Not connected	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks. Unit 0 Sec. 11 Twp. 17S Rge. 33E	Is gas actually connected? No When By June 30, 1978

If this production is commingled with that from any other lease or pool, give commingling order number: _____

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 3/11/78	Date Compl. Ready to Prod. 4/21/78		Total Depth 4632		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.) 4160.4' GR	Name of Producing Formation Grayburg San Andres		Top Oil/Gas Pay 4396'		Tubing Depth 4597'			
Perforations 4396-4527, 4592-4600		Depth Casing Shoe						

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	8 5/8"	415'	450
7 7/8"	5 1/2"	4629'	1700

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 4/22/78	Date of Test 4/26/78	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24	Tubing Pressure ---	Casing Pressure ---	Choke Size ---
Actual Prod. During Test	Oil - Bbls. 22	Water - Bbls. 2	Gas - MCF 20

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate 36.4°
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. D. D'Agostino
 (Signature)
Senior Drilling Engineer
 (Title)
6/6/78
 (Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 09 1978**, 19____
 BY **John W. Runyan**
 Geologist
 TITLE _____

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of gas deviated tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for change of owner, well name or number, or transporter, or other such change of condition.