

UN ED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYP. O. BOX 1660
MIDLAND, NEW MEXICO

SUBMIT IN DUPL

Instructions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Federal LC059576

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Maljamar (Grayburg) Ut.

8. FARM OR LEASE NAME

Maljamar (Grayburg) Ut.

9. WELL NO.

78

10. FIELD AND POOL, OR WILDCAT

Maljamar (Grayburg)

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

Sec. 3, T-17-S. R-32-E

12. COUNTY OR
PARISH
Lea

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 1660, Midland, Texas 79702

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

At surface 50' FWL and 1400' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

10-20-80

15. DATE SPUNDED

7-6-81

16. DATE T.D. REACHED

7-17-81

17. DATE COMPL. (Ready to prod.)

8-8-81

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

KB 4177; DF 4176; GL 4168

19. ELEV. CASINGHEAD

4168

20. TOTAL DEPTH, MD & TVD

4300

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

4254

22. IF MULTIPLE COMPL.,
HOW MANY*

--

23. INTERVALS
DRILLED BY

All

ROTARY TOOLS

All

CABLE TOOLS

--

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

3921-4244; Grayburg-San Andres

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Formation Density; Dual Laterolog

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	370	12-1/4	450 Sacks	--
5-1/2	14	4300	7-7/8	1025 sacks	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8	4226	--

31. PERFORATION RECORD (Interval, size and number)

3921, 24, 26, 51, 53, 60, 62, 63; 3974, 76, 78, 81, 85,
87, 90; 4002, 03, 14, 15, 35, 47, 49, 52, 55; 4057,
62, 64, 66, 73, 74, 75, 77, 79; 4083, 85; 4211, 4213,
4215, 4243, 4244.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3921-4085	3500 gal. 15% HCL; 42,000 gal. X-link gel; 101,000# sand.
4211-4244	500 gal. 15% HCL.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8-10-81		Pumping - 1½" rod pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8-21-81	24	--	→	17	9	8	529	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
--	--	→	17	9	8	38		

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

Sold.

TEST WITNESSED BY

L. R. Jordan

35. LIST OF ATTACHMENTS

Copy of Inclination Report; Dual Laterolog; Simultaneous Compensated Neutron-Formation Density logs.

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

SIGNED

W. A. Goudeau

TITLE

Area Superintendent

DATE Aug. 24, 1981

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS		
FORMATION	TOP	DEPTH	NAME	
			TOP	
			MEAS. DEPTH	
			TRUE VERT. DEPTH	
Grayburg	3783	Possible oil and gas	3783	3783
San Andres	4089	Possible Oil and gas	4089	4089



Collier Drilling Corp.

PHONES (505) 746-3596 (505) 746-6520
BOX 271 - ARTESIA NEW MEXICO 88210

SEP 1 1981

INCLINATION REPORT

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

OPERATOR: Chevron U.S.A., Inc. ADDRESS: P.O. Box 1660, Midland, Texas 79702
LEASE: Maljamar Unit WELL NO. #78 LOCATION: Sec. 3: T-17-S, R-32-E, Lea Co., NM
FOOTAGES: 1400' FSL & 50' FWL

<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
1	7/8/81	374'	1°	R. D. Watkins
2	7/10/81	791'	3/4°	Erick Lehr
3	7/11/81	1300'	1°	Jim Smith
4	7/11/81	1939'	1 3/4°	Jim Smith
5	7/12/81	2434'	1/4°	Jim Smith
6	7/13/81	2944'	1/4°	Jim Smith
7	7/14/81	3493'	1/4°	Jim Smith
8	7/15/81	3493'	1/4°	Jim Smith
9	7/16/81	3997'	1/2°	Jim Smith

I hereby certify that the above data as set forth by the above drillers for Collier Drilling Corporation, on their Survey of Directional Drilling is true and correct to the best of my knowledge and belief.

Darlene Alley
Darlene Alley
Secretary

Affidavit:

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

Darlene Alley
Darlene Alley
(Affiant's Signature)

Sworn and subscribed to in my presence this 31st day of July, 1981.

Cheri E. Moore
Notary Public

My Commission Expires:

March 24, 1982

