

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 1737

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "18"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bluitt San Andres East

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASection 18, T-8-S,
R-38-E.12. COUNTY OR
PARISH

Roosevelt

13. STATE

N. 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 ☐ DEEPEN ☐ PLUG BACK ☐ REPAIR ☐ Other ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 671, Midland, Texas 79701

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

At surface 660' FSL and 1980' FSL Section 18

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-21-69

16. DATE T.D. REACHED

5-30-69

17. DATE COMPL. (Ready to prod.)

5-15-69

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

3982 GR

19. ELEV. CASINGHEAD

3981'

20. TOTAL DEPTH, MD & TVD

4769'

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

4749'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0' to TD

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

4717' - 4739' San Andres

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Density Log with Caliper

27. WAS WELL CORED

Yes

28. 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#	308'	12 1/4"	175 sx.	
4 1/2"	9.5# & 11.6#	4769'	7 7/8"	300 sx.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SAVES CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4713'	

31. PERFORATION RECORD (Interval, size and number)

Perforated

4717' - 4719' - 4722' - 4724' - 4729' -

4731' - 4733' - 4739' - with one

46/100" Jet shot at each interval

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4717' - 4739'	250 gal. 20% Hcl
4717' - 4739'	1000 gal. 7 1/2% ERA

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-15-69		Pumping 1 1/2" Rod Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-16-69	24		→	100	34	8	340
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	100	34	8	22.4	

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

2 copies Electric Log, 1 copy Deviation Test, 1 copy Core Analysis

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

SIGNED

John Tyler

TITLE

District Production Supt.

DATE

June 20, 1969

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

INSTRUCTIONS

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

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	260	Sand and Surface Rock	Anhydrite	2078	
	260	2078	Red Beds	Yates	2680	
	2078	2325	Anhydrite	San Andres	3980	
	2325	2680	Salt			
	2680	3980	Anhydrite and Shale			
	3980	TD	Dolomite			
Core Analysis Attached						

INCLINATION REPORT

UNION OIL COMPANY OF CALIFORNIA
619 West Texas Avenue
Midland, Texas 79701

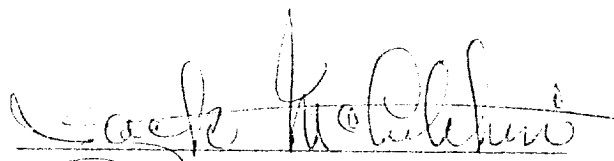
W. L. C. C.
JUN 2nd 10 54 AM '69

FEDERAL "18" Well No. 1
660' FSL & 1980' FEL
Section 18, T-8-S, R-38-E
Roosevelt County, New Mexico

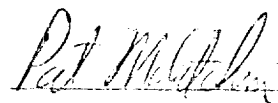
RECORD OF INCLINATION

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement (feet)</u>
310	3/4	4.06	4.06
800	3/4	6.42	10.48
1,300	1	8.75	19.23
1,779	1	8.38	27.61
2,279	1	8.75	36.36
2,779	1	8.75	45.11
3,110	1 1/4	7.22	52.33
3,390	1	4.90	57.23
3,783	1 1/4	8.57	65.80
4,055	1 1/4	5.93	71.73
4,466	1/2	3.58	75.31
4,769	1/2	2.64	77.95

I hereby certify that I have personal knowledge of the data and facts placed on this report, and that such information given above is true and complete.


VERNA DRILLING COMPANY
P. O. Box 1000
Levelland, Texas 79336

Sworn and Subscribed before me, this the 2nd day of June, 1969.


Notary Public in and for
Hockley County, Texas