

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.

Copy to 87

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM 0405444

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Todd "23" Federal

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Sand Dunes

Cherry Canyon

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 23, T-23-S,
R-31-E

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐Other ☐

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Texas American Oil Corporation

3. ADDRESS OF OPERATOR

1012 Midland Savings Bldg., Midland, Texas 79701

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

At surface 1980' FSL & 1980' FEL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

O. C. C.

COUNTY OR

TOWNSHIP

RANGE

13. STATE

N. Mexico

15. DATE SPUDDED

5-10-78

16. DATE T.D. REACHED

5-22-78

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

7-16-78

18. ELEVATIONS (DT, RKB, ST, GR, ETC.)

3456.24 GR

20. TOTAL DEPTH, MD & TVD

6159'

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

6121'

22. IF MULTIPLE COMPLE.,
HOW MANY*

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

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

Cherry Canyon 6038' to 6048'

26. TYPE ELECTRIC AND OTHER LOGS RUN

PFC; Spectralog

Dual Laterolog; Comp. Densilog & Neutron

25. WAS DIRECTIONAL
SURVEY MADE

Yes

27. WAS WELL CORED

Yes

29. 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"	23#	607'	12 1/4"	300 Sx Class "C"	Circulated
5 1/2"	14# & 15.5#	6157'	7 7/8"	2200 Sx Class "C"	Circulated

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACCS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2 3/8"	5988'	None

31. PERFORATION RECORD (Interval, size and number)

6038' - 6048'
12 holes
.35" hole size

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6038-6048	Acidized w/200 gals 15% acid Frac w/16,000 gals OBUF & 15,000# 20/40 sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7-21-78		Pump - 2" x 1½" x 16' Insert					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-23-78	24	----	→	84	TSTM	73	TSTM	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
-----	20#	→	84	TSTM	73			
34. DISPOSITION OF GAS (Sold, used for test)								

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

Vented

TEST WITNESSED BY

Vernon Dewitt

35. LIST OF ATTACHMENTS

Logs, Inclination Report

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

SIGNED

(R. D. Henson)

TITLE Prod. Supt.

DATE 7-27-78

*(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 OR FORMS AND CONTENTS THEREOF: CORED INTERVALS AND ALL DRILL-STOP TESTS, INCLUDING DEPTH INTERVAL TESTS, FISHION 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
Cherry Canyon	Core 6029'	6089'	Cut 60', Recovered 60'; Slight show of oil & gas.	Rustler	750	750
				Salado	910	910
				Delaware Lm	4395	4395
				Bell Canyon	4443	4443
				Cherry Canyon	6042	6042

Texas American Oil Corporation

MAY 25 1978
yyl

Todd Federal #23-2 - Eddy County, New Mexico

Deviation

<u>Depth</u>	<u>Interval</u>	<u>Angle</u>	<u>Displ. per 100 ft.</u>	<u>Disp.</u>	<u>Accum. Disp.</u>
114	114	1°	1.75	2.00	
265	151	1	1.75	2.64	4.64
607	342	3/4	1.32	4.51	9.15
998	391	1/4	.44	1.72	10.87
1322	324	1/2	.87	2.82	13.69
1778	456	1	1.75	7.98	21.67
2153	375	3/4	1.32	4.95	26.62
2560	407	3/4	1.32	5.37	31.99
3024	464	1/4	.44	2.04	34.03
3230	206	1/4	.44	.91	34.94
3511	281	3/4	1.32	3.71	38.65
3698	187	3/4	1.32	2.47	41.12
3886	188	3/4	1.32	2.48	43.60
4200	314	1	1.75	5.50	49.10
4514	314	1 3/4	3.07	9.64	58.74
4670	156	1	1.75	2.73	61.47
4919	249	1/2	.87	2.17	63.64
5421	502	3/4	1.32	6.63	70.27
6045	624	1	1.75	10.92	81.19
6159	114	1	1.75	2.00	83.19

Certification:

Vernon Blair
Signature of Authorized Representative
of Johnn Drilling Company
Post Office Box 6157 - Odessa, Texas 79762
Phone: AC915-563-1280

RECEIVED
JUL 28 1978
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE, NEW MEXICO