

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 063427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

West Sawyer (San Andres)

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

Sec. 28, T-9S, R-37E

12. COUNTY OR
PARISH

Lea

13. STATE

N.M.

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

Tahoe Oil & Cattle Company

3. ADDRESS OF OPERATOR

P.O. Box 7032 Midland, Texas 79702

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

At surface 660' FN & EL, NE/4 NE/4 Sec. 9, T-9S, R-37E

At top prod. interval reported below
4937' ELM

At total depth

5020' ELM

14. PERMIT NO.

DATE ISSUED

15. DATE SPURRED

12-22-1976

16. DATE T.D. REACHED

1-2-1977

17. DATE COMPL. (Ready to prod.)

1-23-1977

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

3967 GR

19. ELEV. CASINGHEAD

3968

20. TOTAL DEPTH, MD, & TVD

TVD 5008.68

21. PLUG BACK T.D. MD & TVD

TVD 4992.68

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

10-5038'

CABLE TOOLS

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

TVD

25. WAS DIRECTIONAL
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sidewall Neutron - Gamma Ray Caliper

27. WAS WELL CORED

No

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# New	460'	12-1/4"	300 sx. Class C-Circ 75sx	----
4-1/2"	9.5 # New	5037'	7-7/8"	700 sx. (top cmt. 422' Temperature Survey	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4.7# 5004.5'	--

31. PERFORATION RECORD (Interval, size and number)

14 (4" hole) 5006' to 4940'

5006-5004-4993-4989-4987-4984-4971-

4969-4966-4961-4958-4951-4949-4940'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4940-5006'	7,000 gal. 28% FIA acid + 8,000 gal. WF 30/2000# FIA 100 MESH Sd. & 8-7/8" Ball Sealers

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/23/77		Rod Pump 2" x 1-1/2" x 12'				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/25/77	24	---	---	95.5	90	21.5	942-1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	25	---	95.5	90	21.5	22.3	

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

Waiting on Cities Service Pipeline Connection

TEST WITNESSED BY

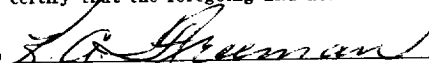
Vernon C. Green

35. LIST OF ATTACHMENTS

Sidewall Neutron/Gamma Ray Open Hole Log/Gamma Ray/Collar Log & Deviation Survey

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

SIGNED



TITLE

Petroleum Engineer

DATE 1/26/77

*(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
Slaughter	4937	5038	Gray Vuglar Dolomite, with porosity, contains oil stain in samples	Rustler Yates San Andres Pi Marker Slaughter	2242 2904 4206 4778 4937	2220 2878 4170 4740 4898

FEB 1977
OIL COMMISSION
HOBBS, N. M.