

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

LC 046164 b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Amerada Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Osudo, North Morrow

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

Section 17, T-20-S, R-36-E

12. COUNTY OR PARISH
Lea

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Jake L. Hamon

3. ADDRESS OF OPERATOR

P. O. Box 663, Dallas, Texas

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

At surface 660' FSL & 1980' FWL of Section 17, T-20-S, R-36-E,
Lea County, New Mexico

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATION* (DF, RKB, RT, OR, ETC.)*	19. ELEV. CASINGHEAD
6-11-66	8-19-66	8-25-66	3622' Gr - 3640' RKB	3616

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
11,580' MD&TVD	11,538' TD & TVD	Single Compl.	→	0' to TD.	None

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

Morrow 11,358' to 11,388' MD & TVD

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric, Gamma Ray-Acoustic Velocity, Contact Caliper, Cement Bone on 7" casing & Gamma Ray-Collar

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
13 3/8"	48#	376.00'	17 1/2	450 sks.	None
9 5/8"	36# & 40#	5,148.15'	12 1/4	500 sks.	None
7"	23# & 26#	11,160.62'	8 3/4	300 sks.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD						
5" OD	11,011.92	11,578.06	75 sks.	None	<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 3/8 OD</td><td>10,998.80'</td><td>10,982' and 10,988'</td></tr></tbody></table>	SIZE	DEPTH SET (MD)	PACKER SET (MD)	2 3/8 OD	10,998.80'	10,982' and 10,988'
SIZE	DEPTH SET (MD)	PACKER SET (MD)									
2 3/8 OD	10,998.80'	10,982' and 10,988'									

31. PERFORATION RECORD (Interval, size and number)

Perforated from 11,358' to 11,388'
with one jet hole per ft. 0.46" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-25-66		Flowing				Shut in.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-27-66	4		→			0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
See attached 4 point		→	back pressure test.			0	50.6

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

Vented

TEST WITNESSED BY

W. L. Smith

35. LIST OF ATTACHMENTS

(1) Back pressure test. (2) Logs as described in Item No. 26 above. (3) DST's

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

SIGNED

Cecil H. Barton

TITLE Petroleum Engineer

DATE 8-30-66

*(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

FORMATION	TOP	BOTTOM	DST No. 1	DST No. 2	DST No. 3	DESCRIPTION, CONTENTS, ETC.
Bone Spring	8,860'	8,944'	1			Rec. SW cut drilling fluid (See attached DST)
Atoka	10,790'	11,094'		2		Slight gas blow. Non-commercial (See attached DST)
Morrow	11,161'	11,397'			3	Gas test. (See attached DST)

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
T/Anhydrite	1,803	Same
Yates	3,500	"
Bone Spring	7,300	"
1st Bone Spring	8,446	"
2nd Bone Spring	9,100	"
3rd Bone Spring	9,994	"
Wolfcamp	10,152	"
Strawn	10,604	"
Atoka	10,791	"
Atoka Lime	10,930	"
Morrow	11,216	"
Barnett	11,542	"