

COPY TO O. C. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See oil
structio
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

LC 032715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Cooper Jal Unit

8. FARM OR LEASE NAME

Cooper Jal Unit

9. WELL NO.

153

10. FIELD AND POOL, OR WILDCAT

Langlie Mattix

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

Sec. 19, T24S, R37E

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

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

Reserve Oil, Inc.

3. ADDRESS OF OPERATOR

312 HBF Building, Midland, Texas 79701

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

At surface 280' FWL & 1400' FSL

At top prod. interval reported below

At total depth

14. PERMIT

RECEIVED
FEB 6 1979
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

15. DATE SPUDDED 1-4-79 16. DATE T.D. REACHED 1-12-79 17. DATE COMPL. (Ready to prod.) 1-27-79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* KDB = 3301.7 GL = 3290.7' 19. ELEV. CASINGHEAD 3290.7'

20. TOTAL DEPTH, MD & TVD 3700' (GL) 21. PLUG, BACK T.D., MD & TVD 3665' (G.L.) 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND SURV)* 3278-3576' (17 holes) - Langlie Mattix zone 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density - Neutron w/GR & Caliper, FORXO-Guard Log

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)	368 (GL)	12 1/4	250 sxs. Class "C" w/2% CaCl	Circ. to surfac
5 1/2"	15.5# (new)	3700 (GL)	7 7/8	800 sx Class "C" w/3% Econ.	Circ. est. 175
				followed by 200 sxs.	sxs. to pit
				Class "C" 50/50 Pozmix	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	N	O	N	E	2 7/8	3287	None

31. PERFORATION RECORD (Interval, size and number)

3278	3409	3470	
3280	3411	3474	Total = 17
3282	3414	3478	(.49" diameter)
3284	3441	3574	holes
3337	3444	3576	
3339	3447		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3278-3576'	Acid w/2250 gals. 15% MCA & 2250 gals. Mud Acid (3-12%) + 25 balls.
3278-3576'	Fraced w/42,200 gelled wtr. 32,500# 20/40 sd. & 15,000# 10/20 sd. & 18 balls.

33. PRODUCTION

DATE FIRST PRODUCTION 1-27-79 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/2" x 20' RWBC WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-1-79	24	--	→	49	46	189	939

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2-1-79	24	--	→	49	46	189	939

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

Sales - El Paso Natural Gas

TEST WITNESSED BY

U. M. Alexander

35. LIST OF ATTACHMENTS

Inclination Report - Logs will be mailed by Welex

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

SIGNED

Clarence R. Chayll

TITLE

District Engineer

DATE

2-5-79

*(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 23, 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: "Nacks 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.)

38. GEOLOGIC MARKERS

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
Jalmat (Yates)	2944'	3153'	Interbedded dolomite & sand.	Top of Anhydrite Top of Salt Base of Salt Top of Yates Top 7 Rivers	1128' 1240' 2834' 2944' 3277'
Langlie Matrix (7 Rivers-Queen)	3277'	3660'	Interbedded dolomite & sand.		