

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.

NMD51998

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lease

8. FARM OR LEASE NAME

Carlson B 13

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Justice Minebry

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

Sec. 13-25S-37E NMPM

12. COUNTY OR
PARISH
Lea

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ **11-28-69**

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

CRA, Inc.

3. ADDRESS OF OPERATOR

Box 55, Jal, New Mexico

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

At surface 990' from E line & 2310' from N line Sec. 13

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

Nov. 10, 65

16. DATE T.D. REACHED

Dec. 3, 65

17. DATE COMPL. (Ready to prod.)

Dec. 12, 1965

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

KB 3086'

19. ELEV. CASINGHEAD

3086' GL

20. TOTAL DEPTH, MD & TVD

5575' KB

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

5541' KB

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

ROTARY TOOLS

CABLE TOOLS

Surface to T.D.

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

Total Interval 5200'-5500'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Nuclotron L-40 (2 copies included with report)

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.	993.59'	12 1/4	550 sacks	
4 1/2	9.50	5578.94'	7 7/8	1540 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2" DV tool	at 4898.36'						

31. PERFORATION RECORD (Interval, size and number)

5255'-5268'-5279'-5299'-5323'-5346'-5374'-
5382'-5401'-5419'-5427'-5455'-5480'.
3/8" holes 1 per/int.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5255'-5480'	25,000 gal. L/O and 25,000# 20/40 sand, 2000 gal. NE acid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Dec. 12, 1965		N-Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Dec. 13, 65	7 hr.	20/64	→	66	18.0	7	272/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
300#	400#	→	225.60	61.92	22.56	38.0	

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

Sold

TEST WITNESSED BY

Marl Davis

35. LIST OF ATTACHMENTS

Gamma Ray Nuclotron L-40 logs.

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

SIGNED

F.E. Chaffin

TITLE

Production Superintendent

DATE

December 14, 1965

*(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:			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Surface	0	60	Clorietta	4774'	-1680'
Red Bed	60	248	Pad. Gas	4832'	-1746'
Red Bed	248	457	Pad. Oil	5005'	-1911'
Sand & Red Rock	457	637	Hlinebry	5212'	-2118'
Sand & Red Rock	637	800			
Sand & Red Rock	800	1034			
Anhydrite	1034	1125			
Anhydrited Salt	1125	1184			
Anhydrited Salt	1184	2280			
Anhydrited Salt	2280	2852			
Anhydrited Lims	2852	3290			
Lime & Dolomite	3290	3440			
Lime	3440	3530			
San Andres	3530	4270			
Clorietta	4270	4774			
Padlock	4774	5047			
Hlinebry	5047	5550			