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UNITED STATES

DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

DEPARTMENT OF THE INTERIOR

88210

GEOLOGICAL SURVEY

RECEIVED

JUN 4 1982

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: C. D. OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

SANDERS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

11000-D Spain N.E., Albuquerque, N.M. 87111

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

At surface 1980' FSL & 1980' FWL - Sec. 29, T5S, R24E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Chaves

13. STATE

N.M.

15. DATE SPURRED

10-15-81

16. DATE T.D. REACHED

10-27-81

17. DATE COMPL. (Ready to prod.)

5-17-82

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

4147GL

19. ELEV. CASINGHEAD

4147GL

20. TOTAL DEPTH, MD & TVD

4215'

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

3705'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

O-T.D.

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

3642 - 3669

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-D & DLL w/ MSFL

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
10-3/4"	40.50#	843'	14-3/4"	700 sx., Cir. out 250 sx.	None
4-1/2"	10.50#	4212'	7-7/8"	450 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	3600'	--

31. PERFORATION RECORD (Interval, size and number)

3642' - 3669' w/ 14 0.40" Jets

3730' - 4059' w/ 18 0.40" Jets

(See reverse side, Note 1, for frac and plug back)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3642' - 3669'	1000 g. 7½% MSR & 20,000 g. Foam-Frac w/ 30,500# 20/40 Mesh Sand.
Re-Frac	1000 g. 7½% BDA & 26,666 g. Gel w/ 28.3 tons CO2 & 39,000# 20/40 & 26,664# 10/20 Mesh Sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
05-17-82		Flowing				Producing	
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	WATER—BBL.	GAS-OIL RATIO
05-17-82		4 hrs.	Various	→	--	538	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
918-607	--	→	--	779	--	--	

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

Vented

35. LIST OF ATTACHMENTS

CNL-D & DLL w/ MSFL Logs sent previously

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

SIGNED

TITLE

President

DATE 05-27-82

*(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.)

NOTE 1: 3730' - 4059', Perforated w/ 18 0.40" Jets, acidized w/ 2500 gal. 7½% MA, fractured w/ 64,500 gal. Foam-Frac (75% Nitrogen) plus 30,800# 20/40 Sand. Swabbed dry. PB to 3750' by setting CIBP @ 3720, dumped 15' cement on top of plug.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	540	725	Porous dolomite, prob. water	San Andres	540	540
Abo	3641	3646	Sand, gas productive.	Glorieta	1545	1545
	3655	3671	Sand, gas productive.	Abo	3606	3606

SANDERS PETROLEUM CORPORATION

AFFIDAVIT

May 28, 1982

HUGGINS DRAW #1
Sec. 29, T5S, R24E

RECEIVED

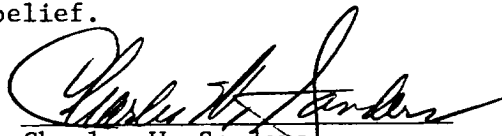
JUN 1 1982

O. C. D.
ARTESIA, OFFICE

DEVIATION SURVEY RECORD

<u>Depth</u>	<u>Deviation Degrees</u>
843'	1
1570'	1
2414'	3/4
3098'	1-1/4
3712'	1
3812'	1-1/4
4215'	1-1/2

I hereby certify that the above record is true and correct to the best of my knowledge and belief.


Charles W. Sanders
President
SANDERS PETROLEUM CORPORATION

STATE OF NEW MEXICO)
(:SS
COUNTY OF BERNALILLO)

The foregoing instrument was acknowledged before me this 28th day of May, 1982, by Charles W. Sanders, President of SANDERS PETROLEUM CORPORATION, a New Mexico Corporation, on behalf of said Corporation.


NOTARY PUBLIC



OFFICIAL SEAL
PATRISKIKI D. STEWART
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 7-24-83

CHARLES W. SANDERS, PRESIDENT
11000-D SPAIN ROAD, N.E.
ALBUQUERQUE, NEW MEXICO 87111
(505) 294-7538