

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 *

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

DAKOTA RESOURCES, INC.

3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp.

P.O. Drawer 419 Farmington, N.M. 87401

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

At surface 660'FNL, 660'FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
NM-15843-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jeffrey Federal 30

9. WELL NO.

41

10. FIELD AND POOL, OR WILDCAT

Undesignated Dakota

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

Sec. 30-T17N-R9W
N.M.P.M.

12. COUNTY OR PARISH

McKinley

13. STATE

N.M.

15. DATE SPUDDED

9/11/81

16. DATE T.D. REACHED

9/18/81

17. DATE COMPL. (Ready to prod.)

12/19/81

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

6999'KB

19. ELEV. CASINGHEAD

6988'GL

20. TOTAL DEPTH, MD & TVD

2632'

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

2559' 24 64

22. IF MULTIPLE COMPL., HOW MANY*

TWO

23. INTERVALS DRILLED BY

CABLE TOOLS

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

2430'-2434' Dakota

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

ISF CNL-FDC

27. WAS WELL CORED

YES

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"	24.0	135'KB	12-1/4"	118 cu.ft. (See Att.)	NONE
4-1/2"	11.60	2630'KB	7-7/8"	796 cu.ft. (See Att.)	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
NONE				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	2282'	2282'

31. PERFORATION RECORD (Interval, size and number)

See Attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2438'-2442'	13,700 gallons water
	14,000 lb. sand
2517'-2521'	10,000 gallons water
	14,000 lbs. sand

33.* PRODUCTION

DATE FIRST PRODUCTION 12-29/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 1/12/82	HOURS TESTED 24 hr.	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1	GAS—MCF. 100	WATER—BBL. 165	GAS-OIL RATIO 100,000
FLOW. TUBING PRESS. 15	CASING PRESSURE -0-	CALCULATED 24-HOUR RATE →	OIL—BBL. 1	GAS—MCF. 100	WATER—BBL. 165	OIL GRAVITY-API (CORR.) 40.0	

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

Vented during test period only

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

FOR: DAKOTA RESOURCES, INC.

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

ORIGINAL SIGNED BY

President, Walsh Engr. &

SIGNED Ewell N. Walsh PE

TITLE Production Corp.

DATE 4/20/82
APR 22 1982

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

ACCEPTED FOR RECORD
FARMINGTON DISTRICT
BY [Signature]

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

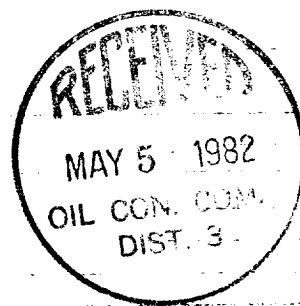
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH		TOP
							TRUE VERT. DEPTH
Hospah	1344'	1345'	Core No. 1	Point Lookout	271'		271'
	1345'	1346'	Core No. 2	Mancos	409'		409'
	1346'	1357'	Core No. 3	Crevasse Canyon	650'		650'
	1359'	1419'	Core No. 4	Base of			
	1419'	1479'	Core No. 5	Crevasse Canyon	1101'		1101'
Hospah				Hospah	1378'		1378'
				Massive Gallup	1490'		1490'
				L. Mancos	1697'		1697'
				Sanostee	1849'		1849'
				Greenhorn	2226'		2226'
				Graneros	2278'		2278'
				Dakota "A"	2322'		2322'
				Dakota "B"	2428'		2428'
				Dakota "D"	2495'		2495'

RECEIVED

MAY 5 1982

OIL CON. COM.

DIST. 3



ATTACHMENT

DAKOTA RESOURCES, INC.
JEFFREY FEDERAL 30, NO. 41
UNDESIGNATED DAKOTA
NM-15843-A
FORM 9-330

PERFORATIONS

2541'-2544', 1 shot per foot (1)
2529'-2534', 1 shot per foot (1)
2511'-2520', 1 shot per foot (2)
2517'-2521', 2 shots per foot (2)
2486'-2488', 1 shot per foot
2438'-2442', 2 shots per foot (3)
2324'-2348', 1 shot per foot (4)
2430'-2434', 2 shots per foot

- (1) Squeeze 25 sacks
- (2) Squeeze 50 sacks
- (3) Squeeze 100 sacks
- (4) Squeeze 75 sacks



CEMENT RECORD

8-5/8" 118 Cu.Ft. Class "B" cement with 3% CACl and 1/4 lbs. Flocele per Cu.Ft.

4-1/2" 202.5 Cu.Ft. 65-35 Pozmix with 12% Gel with 6-1/4 lbs. Gilsonite per Cu.Ft., followed by 594 Cu. Ft. 50-50 Pozmix (2% Gel) with 6-1/4 lbs. Gilsonite per Cu.Ft. and 6 lbs. salt per Cu.Ft.