

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
NMM-9523

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
#3 Dome Federal 17-27-13

2. Name of Operator
J. K. Edwards and Assoc.

9. API Well No.
30-045-23403

3. Address and Telephone No. **C/O Walsh Engineering & Production Corp.**
7415 East Main Farmington, NM 87402 505-327-4892

10. Field and Pool, or Exploratory Area
WAW Fruitland Sand - Pictured Cliffs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
790' FSL & 1560' FEL, Sec. 17, T27N, R13W, Unit O

11. County or Parish, State
San Juan County, NM.

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

J. K. Edwards proposes to complete this well as an off - pattern Basin Fruitland Coal well according to the attached procedure.

RECEIVED
DEC - 9 1996
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Paul C. Thompson (Paul C. Thompson) Title Agent Date 11/25/96

(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any: _____

APPROVED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent

NMOC

DISTRICT MANAGER
/S/ Duane W. Spencer

Walsh Engineering and Production

Completion Prognosis for J.K Edwards and Associates Dome Federal 17-27-13 #3

Location: SE/4 Sec 17 T27N R13W
San Juan County, NM

Date: November 25, 1996

Field: Basin Ft Coal
Minerals: NM-9523
Surface: NAPI

Elev: 6023' GL 6028' KB
PBTD: 1474' KB
PC perfs: 1310-1319'
1-1/4" @ 1291' KB

Procedure:

1. MOL and RU completion rig. Hold safety meeting. NU BOPs on 2-7/8" tubing head. TOH with 43 joints of 1-1/4" EUE tubing.
2. Rig up wireline and run GR/CCl log from PBTD to 900'.
3. Pick up Baker 2-7/8" cement retainer on 1-1/4" EUE tubing and TIH. Set retainer at 1305' KB. Circulate hole with produced water and pressure test casing to 2000#. TOH.
4. Perforate 1272' - 1275', and 1280' - 1288' KB at 2 spf. Total of 22 holes. Depths refer to open hole logs. RD perforators.
5. Install 5000# frac valve on 2-7/8" tubing and SI well.
6. Rig up frac equipment and pressure test surface lines.

7. Fracture with 50,000# of 20/40 sand in a 70 % quality N₂ foam. Fluid is 20# guar gel. Pump rate at 30 BPM and expected treating pressure is 2400 psig. Max treating pressure is 3000 psig. Treat with the following schedule:

Stage	Foam Vol. (Gals.)	Gel Vol. (Gals.)	Sand Vol. (lbs.)
Pad	10,000	3,000	0
1.0 ppg	5,000	1,500	5,000
2.0 ppg	7,500	2,250	15,000
3.0 ppg	6,660	2,000	20,000
4.0 ppg	2,500	750	10,000
Flush	736	220	0
Total	<u>32,396</u>	<u>9,720</u>	<u>50,000</u>

8. Close frac valve. RD frac company and install flowline with 1/4" ceramic choke. Flow well back to flow back tank overnight.
9. When well dies, remove frac valve and install tubing head.
10. TIH with retrieving head on 1-1/4" tubing and circulate out sand until circulation is lost. Rig up nitrogen crew and clean out to retainer with nitrogen.
11. Run 1-1/2" tubing pump on 1-1/2" IJ tubing and land below bottom FT perf. Run pump plunger on 5/8" rods with slim hole couplings. Space out and hang off rods.
12. Rig down and release rig.

Paul C. Thompson

Paul C. Thompson, P.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.6.

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						5. LEASE DESIGNATION AND SERIAL NO.	
DOME PETROLEUM CORPORATION						NM 9523	
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
501 Airport Drive, Suite 107, Farmington, New Mexico 87401						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						8. FARM OR LEASE NAME	
At surface 790' FSL, 1560' FEL						DOME FEDERAL 17-27-13	
At top prod. interval reported below						9. WELL NO.	
At total depth						3	
14. PERMIT NO.						12. COUNTY OR PARISH	
DATE ISSUED						13. STATE	
15. DATE SPUDDED						SAN JUAN NEW MEXICO	
16. DATE T.D. REACHED						19. ELEV. CASINGHEAD	
17. DATE COMPL. (Ready to prod.)						6023'	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						6023'	
20. TOTAL DEPTH, MD & TVD						23. INTERVALS DRILLED BY	
1505						ROTARY TOOLS	
21. PLUG, BACK T.D., MD & TVD						CABLE TOOLS	
1474						b' - 1505'	
22. IF MULTIPLE COMPL., HOW MANY*						25. WAS DIRECTIONAL SURVEY MADE	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						NO	
1309' - 1470' PICTURED CLIFF						27. WAS WELL CORED	
26. TYPE ELECTRIC AND OTHER LOGS RUN						NO	
INDUCTION ELECTRIC LOG AND FORMATION DENSITY/NEUTRON							
CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
7"		20#		42'		9 7/8"	
2 7/8"		6.50#		1502'		5"	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
						DEPTH SET (MD)	
						PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
1310'-1313', 1316'-1319' with 2 jet shots/ft.				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				1310'-1313'		250 gal. 7½% HCl. Foam fracked	
				1316'-1319'		with 16000# 20-40 sand.	
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
05/10/79		FLOWING				SHUT IN	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
05/30/79		3		3/4"		OIL—BBL. 0	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS—MCF. 282	
148		SIP-232		0		WATER—BBL. ---	
						OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
TO BE SOLD - TEST VENTED						H. D. HOLLINGSWORTH	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		H. D. HOLLINGSWORTH		TITLE		DATE	
				DRILLING FOREMAN		06/04/79	

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

744000

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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				PICTURED CLIFF FRUITLAND FARMINGTON	1309' 888' 516'	