Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
APR 02 1985
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.: SF 079549
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Phillips 32
9. WELL NO.: 7
10. FIELD AND POOL, OR WILDCAT: W. Lindrith Gal/Dak.
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 32, T25N, R3W
12. COUNTY OR PARISH: Rio Arriba
13. STATE: New Mexic

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Joseph B. Gould

3. ADDRESS OF OPERATOR: c/o R. Simmons Box 48, Farmington, NM 87499

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 340' FEL & 2220' FSL
At top prod. interval reported below: Same
At total depth: Same

RECEIVED
APR 02 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-22-85	2-12-85	3-26-85	7188 GR 7200 KB	7188

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8070	8000		→	0-TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Top Gallup 6864 Top Dakota 7720
BTm Gallup 7160 Btm Dakota 7962

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DILL-CNL-FDC CBL-CCL-GR Correlation

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	261	12-1/4	See Attachment A	
4-1/2	11.6	8045	7-7/8	See Attachment A	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	7401	NA

31. PERFORATION RECORD (*Interval, size and number*)
See Attachment A

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment A	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
3-28-85	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-30-85	24	2"		100	30 est.	400	300

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
25	1400		100	30	400 frac.	43

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Vented during test: to be sold

TEST WITNESSED BY: Mr. John Shipley

35. LIST OF ATTACHMENTS
Logs mailed direct. Attachment A

ACCEPTED FOR RECORD
APR 02 1985
FARMINGTON RESOURCE AREA
BY

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

SIGNED R. D. Simmons TITLE Agent DATE 4-1-85

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

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 statements or representations as to any matter within its jurisdiction.

NMOCC

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.
Picture Cliffs	3545	3608	Gas
Gallup	6365	7318	Gas & Oil
Dakota	7784	8010	Gas & Oil

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2920	
Fruitland	3004	
Picture Clliff	3545	
Lewis Shale	3608	
Chacra	4420	
Cliff House	4994	
Menefee	5255	
Point Lookout	5714	
Mancos Shale	5874	
Gallups	6365	
Greenhorn	7688	
Dakota	7784	

ATTACHMENT A

JOSEPH B. GOULD

Phillip 32 # 7
2220' FSL & 340' FEL, Sec. 32, T25N, R3W
Rio Arriba County, New Mexico
West Lindrith Gallup Dakota Field

Elevation 7200' KB.

SURFACE CASING AND CEMENT REPORT

Spud well 3:00 PM 1/22/85,
Drilled 12-1/4" hole to 261' KB. Ran 6 joints, 8-5/8", 24#, K55, ST&C casing (247'), set at 261' KB. Cemented with 150 sacks (177 cu. ft.) Class "B" w/ 1/4# flocele/sk. and 2% calcium chloride. Plug down at 9:00 PM. Circulated cement to surface.

PRODUCTION CASING AND CEMENT RECORD

Ran 184 joints 4-1/2", 11.6#, K55, LTC casing (8042.16' + 5.25' float equipment), landed at 8045.41' KB. Circulated hole and worked pipe. Casing would not move. {Float collar at 8000.07' KB - DV Tool at 5848.05' KB} KB = 14'. Halliburton cemented first stage with 10 bbls CaCl2 water, 5 bbls water, 1000 gals. Flochek 21, 5 bbls water, 600 sks. (888 cu. ft.) Class "A" 50/50 poz. with 2% gel., 6-1/4#/sk. gilsonite, 8# salt, 0.6% Halad 22-A. Displaced with 32 bbls water and 93 bbls mud. Landed plug with 1500 psig. Plug down at 7:38 PM. Circulated between stages 3 hrs. Cemented second stage with 10 bbls mud flush, 500 sacks (1300 cu. ft.) Class "B" 65/35 poz. w/12% gel and 10#/sk. gilsonite, 500 sacks (1060 cu. ft.) Class "B" 65/35 poz. w/ 6% gel. and 10# gilsonite, tailed with 150 sks (177 cu. ft.) Class "B" with 2% calcium chloride. Plug down at 12:45 AM 2-15-85. Pressure tested to 2500 psig. Set slips with 80,000# tension and cut off casing.

Top of cement on first stage @ 5884' by CBL.
Top of cement on second stage @ 1550' KB. by CBL.

DAKOTA PERFORATIONS AND STIMULATION

Perforated Dakota Formation from 7720' to 7962' as follows:

7720 - 7726 6 holes
7742 - 7748 6 holes
7782 - 7792 10 holes
7858 - 7870 12 holes
7953 - 7962 9 holes

Total of 43 holes size: 0.38"

Acidized down casing with 1500 gallons 15% HCL acid.

Fracture treated down casing @ 27.7 BPM with 40# cross-link gel, 1% KCL, 1 gal./1000 surfactant, 1 gal./1000 NE agent as follows:

25,000	gallons PAD			25#/1000 FLA
10,000	gallons	w/ 1/2#/gal.	20/40 sand	25#/1000 FLA
30,000	gallons	w/ 1# /gal.		

Flush to top perforation. Total sand 37,500# in 80,000 gal. gel.

GALLUP PERFORATIONS AND STIMULATION

Perforated Gallup Formation from 6830' to 7358' with 1 shot at:

6864	6880	6894	6898	6900	6922	6824	6930
6932	6938	6954	6856	6962	6964	6974	6978
6982	6986	6990	6998	7002	7016	7028	7044
7046	7058	7060	7062	7074	7086	7092	7098
7108	7114	7116	7118	7124	7138	7150	7156
7158	7160						

Total of 42 holes size: 0.38"

Acidized down casing with 2500 gallons 15% HCL acid.

Frac treated down casing @ 52 BPM using 1% KCL water and 1 gal./1000 Aquaflow, 25#/1000 Aquaseal 2 and 2-1/2#/1000 FR2 as follows:

25,000	gallons	PAD	
10,000	gallons	w/ 1/2# / gal.	20/40
20,000	gallons	w/ 1# / gal.	
23,333	gallons	w/ 1-1/2#/gal.	
20,000	gallons	w/ 2# / gal.	

Flush to bottom perforation. Total sand 100,000# 20/40 in 105,000 gallons SLICK WATER.