

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRILL <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 079549	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Joseph B. Gould		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR c/o R. Simmons Box 48, Farmington, N.M. 87499		8. FARM OR LEASE NAME Phillips 32	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2190' FEL & 2310' FNL At top prod. interval reported below Same At total depth Same		9. WELL NO. 7	
14. PERMIT NO.		13. STATE N.M.	
DATE ISSUED		12. COUNTY OR PARISH Rio Arriba	
15. DATE SPUDDED 4-11-84		19. ELEV. CASINGHEAD 7327	
16. DATE T.D. REACHED 5-4-84		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7327' GR 7340 KB	
17. DATE COMPL. (Ready to prod.) 5-29-84		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD	
20. TOTAL DEPTH, MD & TVD 8190		21. PLUG, BACK T.D., MD & TVD 8133	
22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup Top: 7002 Bottom: 7304 Dakota Top: 7918 Bottom: 8104	
25. WAS DIRECTIONAL SURVEY MADE? Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN DILL - CNL - FDC	
27. WAS WELL CORED? No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8-5/8		24	
4-1/2		11.6	
Depth Set (MD)		Hole Size	
286		12-1/4	
8172		7-7/8	
Cementing Record		Amount Pulled	
236 cf Class B (Circ) w/1/4# flocele & 2% cc			
See attachment A			
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
		2-3/8	
		8035	
		NA	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7918 - 8104 0.38" 46 holes		DEPTH INTERVAL (MD)	
7002 - 7268 0.38" 41 holes		AMOUNT AND KIND OF MATERIAL USED	
		7918 - 8104 See attachment A	
		7002 - 7268 See Attachment A	
33. PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 5-29-84		Producing	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing			
DATE OF TEST 5-29-84		HOURS TESTED 24	
CHOKE SIZE 2" tbg		PROD'N. FOR TEST PERIOD 70	
OIL—BBL. 70		GAS—MCF. 30 est	
WATER—BBL. 300 frac		GAS-OIL RATIO 429 scf/bbl	
FLOW. TUBING PRESS. 0		CASING PRESSURE 850	
CALCULATED 24-HOUR RATE 70		OIL GRAVITY-API (CORR.) 41	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test		TEST WITNESSED BY John Shipley	
35. LIST OF ATTACHMENTS Cement record, stimulation record: Attachment A		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 5-31-84		DATE JUN 12 1984	

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

FARMINGTON RESOURCE AREA

RV smm

NMOCC

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: CORREL. 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.
Ojo Alamo	3270	3370	Water
Gallup	6855	7490	Oil & Gas
Dakota	7915	8112	Oil & Gas

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3270	Same
Fruitland	3385	"
Picture Cliffs	3685	"
Lewis Shale	3745	"
Chacra	4560	"
Cliff f House	5360	"
Menefee	5430	"
Point Lookout	5850	"
Mancos Shale	6015	"
Gallup	6855	"
Greenhorn	7820	"
Dakota	7915	"

ATTACHMENT A

Production String Cement Report

Ran 205 joints 4-1/2", 11.6#, N80, LT&C, 8rd casing. Set at 8172' KB. Cemented in two stages: 1st stage; 600 sacks (852 cu. ft.) Class "B" 50/50 poz, w/ 2% gel, 6-1/4#/sk. gilsonite, & 6#/sk. salt. Plug down at 10:00 PM, 5-4-84. Top of cement by CBL @ 6900' KB. Float collar at 8133'. 2nd stage through stage tool at 5456; 1000 sacks (2390 cu. ft.) Class "B" 65/35 poz. w/ 12% gel. and 10#/sk. gilsonite, followed by 150 sacks (177 cu. ft.) Class "B" with 2% calcium chloride. Plug down at 2:45 AM, 5-5-84. Top of cement by CBL @ 2110' KB.

Cement Bond Logs to be sent by Basin Perforators direct to BLM.

Dakota Formation Stimulation

Perforated Dakota Formation from ⁷⁹¹⁸~~7698~~ to ⁸¹⁰⁴~~7850~~ as follows, using 3-1/8" cased hole guns:

7918 - 7926	8 holes	
8000 - 8004	4 holes	
8046 - 8056	10 holes	
8080 - 8104	24 holes	Total of 46 holes o.38"

Acidize Dakota down casing with 1500 gallons 15% HCL acid.

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

20,000	gallons	PAD		25#/1000	FLA
10,000	gallons	w/ 1/2#/gal.	20/40 sand	25#/1000	FLA
20,000	gallons	w/ 1# /gal.			
25,000	gallons	w/ 2# /gal.			
20,000	gallons	w/ 3# /gal.			

Total sand 135,000# in 95,000 gal. gel.

Gallup Formation Stimulation

Perforated Gallup Formation from 7002' to 7304' with 1 shot at:

7002	7024	7036	7040	7042	7064	7066	7072	7078
7096	7098	7106	7108	7118	7122	7126	7130	7140
7144	7152	7160	7172	7188	7190	7202	7204	7206
7218	7228	7236	7242	7252	7258	7260	7262	7268
7282	7294	7300	7302	7304				

Total of 41 holes.

Acidize Gallup down casing with 2500 gallons 15% HCL acid.

Frac treated Gallup down casing @ 60 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	
20,000	gallons	w/ 1/2# / gal.	20/40
20,000	gallons	w/ 1# / gal.	
20,000	gallons	w/ 1-1/2#/gal.	
30,000	gallons	w/ 2# / gal.	

Flush to bottom perforation. Total sand 120,000# 20/40 in 125,000 gallons slick water.