

PLEASE HOLD CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355/5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

N.M. 16474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

KNOTT

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

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

Sec. 30-T27N-R12W

N.M.P.M.

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

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

5928 OR 5933 KB

5927

23. INTERVALS
DRILLED BY

0-1544 TD none

25. WAS DIRECTIONAL
SURVEY MADEDev. surveys
by contractor.

27. WAS WELL CORED

No

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

BILLY J. KNOTT

3. ADDRESS OF OPERATOR 4925 Greenville Avenue

#850 One Energy Square, Dallas, Texas 75206.

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

At surface 790 feet North of South line & 790 feet East
of West line of Section 30 - T 27N - R 12W.

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

June 21, 77

15. DATE SPUDDED

7-5-77

16. DATE T.D. REACHED

7-11-77

17. DATE COMPL. (Ready to prod.)

8-7-77

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

5928 OR 5933 KB

19. ELEV. CASINGHEAD

5927

20. TOTAL DEPTH, MD & TVD

1544'

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

1505'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Fruitland Sand (Perf. 944-53').

26. TYPE ELECTRIC AND OTHER LOGS RUN:

Lual Induction-Laterlog & Compensated Neutron-Fm. Den.

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	125'	9 7/8"	60 sx. circulated	None
4 1/2"	9.5#	1544'	6 1/4"	225 sx. circulated	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1"	956'	

31. PERFORATION RECORD (Interval, size and number)

1263-66 with 2 shots/ft. tested &
squeezed off with 50 sx.
944-53 with 2 shots/ft. Completed
as Fruitland sd. gas well.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1263-66	Perf. acid with mud acid
326 gal. -----	15% HCl-tested water. Then
squeezed with 50 sx. neat cement & 2% CaCl.	
Top of cmt. plug at approx. 1120' depth.	

33.*

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or
shut-in)

Shut-in gas well

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-4-77	3 hrs.	1/2"	→	None	272 MCF per day	Trace	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
38 psig	271 psig Shut-in	→	None	273 MCF	Trace	none.	

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

Shut-in gas well.

35. LIST OF ATTACHMENTS

(2) Sets of above logs.

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

SIGNED

Ashton B. Geren, Jr.

TITLE

Agent - Consultant

DATE Aug. 12, 1977

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

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INSTRUCTIONS

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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 33.

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.)

See previously enclosed "Well History".

Pictured zone perf. 1263-66: Tested wet & was squeezed with 50 sx. & plugged back to approx. 1120'. Fruitland zone perf. 944-53 and tested 273 MCF/Day rate without stimulation.

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	MEAS. DEPTH	TRUE VERT. DEPTH
Animas Fm.	Surface	170	f-mg ang-rnd sd.			
Ojo Alamo						
Kirtland & sh.	170	400	Prd. gry siltstn. & sh.			
Kirtland & sh.	400	515	Predominately f-mg sd. & gry sh. no show indicated.			
Farmington Sds.						
Farmington sh zone	515	670	gry sh.			
Fruitland	570	940	gry sh.			
Fruitland Sand	940	970	fg cly fill sd. no show in samp.			
Fruitland zone	970 -	1240	Gry sh, coal stringers, fg silt to tight sd stringers. No show indicated in samples.			
Pictured Cliffs sand zone	1240	1544. T.O. 1544.	Pred. fg cly fill sd, part with fair to good porosity but abund. cly fill in most. No shows of oil or gas indicated in the samples.			