

OIL AND GAS CONSERVATION COMMISSION

RECEIVED



THE STATE OF COLORADO

duplicate for Parented and Federal lands.
single duplicate for State lands.

OCT 24 1969

69-7176-5

COLO. OIL & GAS CONS. COMM.

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
Knight & Miller oil Corp.

3. ADDRESS OF OPERATOR
919 Midland Savings Bldg.

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

At surface 820' FSL & 1020' FWL of NW/4 Sec. 34

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. 69-367 DATE ISSUED 7-3-69

15. DATE SPUDDED 6-26-69 16. DATE T.D. REACHED 7-1-69 17. DATE COMPL. (Ready to prod.) 7-9-69

18. ELEVATIONS (DF, REB, RT, GR, ETC.) 3944 K.B. 19. ELEV. CASINGHEAD 3934

20. TOTAL DEPTH, MD & TVD 4479 21. PLUG, BACK T.D., MD & TVD _____ 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) 4412-4416 "J" Sand

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser Atlas IES Induction, Density Log, Minilog

29. 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 lbs.	516'	12 1/4	320 Sacks	None
5 1/2	14	4479	7 7/8	150 Sacks	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 1/2	4435	

31. PERFORATION RECORD (Interval, size and number)

4412-4416 with 3-50 Grams Jets per Ft. 13 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	FJP
	HHM
	JAM
	UID

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
<u>7-20-69</u>	<u>Pumping Bethlehem 160</u>	<u>Producing</u>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>7-28-69</u>	<u>24</u>			<u>65</u>	<u>155</u>	<u>1</u>	<u>2345:1</u>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			<u>65</u>	<u>155</u>	<u>1</u>	<u>35.1</u>

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel & Vented

35. LIST OF ATTACHMENTS None

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

SIGNED Jud W. Knight TITLE Agent DATE 10/23/69

34-8452

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.			
				TOP		
			NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
"J" Sand	4405-4418		<p>DST #1 Open 5 min., shut in 30 min. open 50 min., shut in 60 min. Gas to surface in 4 min. at maximum 274,000 cubic ft. 1 day, decreasing to zero in 20 min. Oil to surface in 42 min. Rec 700 oil & 70' mud-cut water.</p> <p>IMP 2312 LSIP 1057 IP 323 FP 603 FSIP 1044 FHP 2266</p> <p>BEST IMAGE AVAILABLE</p>	<p>Niobrara Ft. Hays Greenhorn Bentonite "S" Sand "Y" Sand Base "J" Sand</p>	<p>3483 3806 4056 4200 4296 4333 4398</p>	

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	3483	
Ft. Hays	3806	
Greenhorn	4056	
Bentonite	4200	
"S" Sand	4296	
"Y" Sand Base	4333	
"J" Sand	4398	