

OIL AND GAS CONSERVATION COMMISSION RECEIVED

DEPARTMENT OF NATURAL RESOURCES

OF THE STATE OF COLORADO

MAY 8 1979

in triplicate for Patented and Federal lands.
in quadruplicate for State lands.

COLO. OIL & GAS CONS. COM. 11.



00247730

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Budin

9. WELL NO.

#15

10. FIELD AND POOL, OR WILDCAT

Big Sandy

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

Sec. 2-8N-55W

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
Okmar Oil Company

3. ADDRESS OF OPERATOR
2160 First of Denver Plaza, 633-17th Steet, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
CSESE Section 2, T8N, R55W
At top prod. interval reported below
same
At total depth
same

14. PERMIT NO. 78-896 DATE ISSUED Sept. 6, 1978 12. COUNTY Logan 13. STATE Colorado

15. DATE SPUDDED 9-17-78 16. DATE T.D. REACHED 9-20-73 17. DATE COMPL. (Ready to prod.) *1-24-79 (Plug & Abd.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4310' KB 19. ELEV. CASINGHEAD 4300'

20. TOTAL DEPTH, MD & TVD 5382' 21. PLUG, BACK T.D., MD & TVD 5373' 22. IF MULTIPLE COMPL., HOW MANY - 23. INTERVALS DRILLED BY -> 0-TD 24. ROTARY TOOLS None 25. CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
5312'-13' - "J" Sand
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
ILL; FDC-GR
27. WAS WELL CORED YES NO (Submit analysis)
DRILL STEM TEST YES NO (See reverse side)

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#	159' KB	12 1/4"	150 sx.	-
4 1/2"	10.5#	5384' KB	7 7/8"	150 sx.	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					-	-	-

31. PERFORATION RECORD (Interval, size and number)
5312'-13' 4 shots casing gun "J" Sand
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
*Well Shut-in waiting on gas sales line 1-24-79	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-24-79				18.4	997	14	Unknown

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	70#FCP		18.4	997	14	Unknown

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold and used on lease
TEST WITNESSED BY
Jerry Gardiner

35. LIST OF ATTACHMENTS
Geological Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED J. Roy White TITLE Western Operations Manager DATE May 4, 1979

DWB	
FJP	
HJM	
JAM	
JJD	
RLS	
CUM	

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.
See attached copy of geological report.			

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED

MAY 8 1979

COLO. OIL & GAS CONS. COM. II.

G E O L O G I C A L R E P O R T

ON

OKMAR OIL - #15 BUDIN

SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, T 8 N - R 55 W.LOGAN COUNTY, COLORADOMISCELLANEOUS DATA

Commenced	9-17-78
Completed	Production casing run 9-22-78
Status	Awaiting completion
Elevation	4300' Gr., 4310' K.B.
Surface casing	8-5/8" @ 159' with 150 sacks
Cores	None
Drillstem Tests	2: Liberty Testers
Electric Logs	Schlumberger: IES & GR-Density
Contractor	Exeter Drilling - Rig 14

FORMATION TOPS - ELECTRIC LOG

Niobrara	4363'
Carlile	4746'
Greenhorn	4930'
Bentonite	5088'
"D" Sand	5173' (-863)
"J" Sand	5279' (-969)
Total Depth	5382' (5385' Driller)

BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>
1	7-7/8"	Reed	Y12J	159'	3155'
2	7-7/8"	Sec.	S3J	3155'	4734'
3	7-7/8"	Sec.	DTJ	4734'	5168'
4	7-7/8"	HTC	OW4J	5168'	5307'
5	7-7/8"	Reed	Y21G	5307'	5385'

DRILLSTEM TESTS

#1: 5328-5351' (Log measurements). Open 15", very strong blow with gas in 5 min., built up to 1,488 MCFPD, shut in 30 min., open 75 min., gas gauged at 2,073 MCFPD in 20 min., recovered 10' mud, 55' mud cut water (2300 PPM) FP #1: 109-328#, 30 min. ISI: 1240#, FP#2: 347-445#, 1 hr. FSI: 1222#, Hyd.: 2849-2795#, pressure below bottom packer bled to 1245#. Sample chamber volume: 2240 cc, recovered 1.58 cu. ft. gas, trace mud; pressure 250#.

#2: 5299-5304' (Log measurements). Open 15 min., gas in 2 min., increased to 2,341 MCFPD, shut in 30 min., open 1½ hr., stabilized at 2883 MCFPD in 20 min., recovered 15' condensate, 159' condensate cut mud, FP #1: 182-420#, 30 min. ISI: 1003#, FP #2: 445-540#, 1 hr. FSI: 1003#, Hyd.: 2884-2848#, pressure below bottom packer bled to 1462#, sample chamber volume: 2240 cc., recovered 1.88 cu. ft. gas; pressure 300#.

SAMPLE DESCRIPTION

5100-5173' Shale, black, fissile.

5173-5188' Sandstone, light gray, fine and medium grained, angular, well cemented, carbonaceous partings, very tight at base, no shows.

5188-5190' Shale, black.



RECEIVED

MAY 8 1979

COLO. OIL & GAS CONS. COMM.

- 5190-5204' Sandstone, light gray, fine and medium grained, angular, poor porosity, no shows.
- 5204-5224' Sandstone, gray, fine grained, tight, silty, no shows.
- 5224-5279' Shale, black, silty stringers in base.
- 5279-5284' Sandstone, brown, medium grained, angular, dirty, no shows.
- 5284-5287' Siltstone, gray.
- 5287-5294' Sandstone, tan, fine and medium grained, angular, dirty, traces spotty fluorescence.
- 5294-5301' Siltstone, gray, sandy.
- 5301-5305' Sandstone, light gray, fine grained, angular, friable, clean, light fluorescence.
- 5305-5308' Sandstone, gray, fine grained, angular, poor porosity, no shows.
- 5308-5330' Sandstone, tan, fine and medium grained, subround, soft, considerable clay filling. No shows.
- 5330-5346' Shale, black, silty.
- 5346-5351' Sandstone, gray, fine grained, angular, friable, light stain and fluorescence.
- 5351-T.D. Sandstone, dark gray, fine and medium grained, dirty, light irregular fluorescence from 5362-5365'.

REMARKS

No shows were present in samples of the "D" Sand. Slight shows were present in several zones of the "J" sand. Gas was recovered on drill-stem test of two of these zones.

N. M. Tobison

N. M. Tobison
Petroleum Geologist