

cc: Marietta
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AND GAS CONSERVATION COMMISSION
 DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADO

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

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.
 OIL & GAS CONSERVATION

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Budin

9. WELL NO.
 #16

10. FIELD AND POOL, OR WILDCAT
 Big Sandy WC

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
 Sec. 2-8N-55W

12. COUNTY Logan
 13. STATE Colorado

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 P & A

2. NAME OF OPERATOR
 Okmar Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface
 660' FNL & 660' FWL, Section 2, T8N, R55W, Logan County, Co.
 At top prod. interval reported below
 same
 At total depth
 same

14. PERMIT NO. 78 967
 DATE ISSUED 9-27-78

15. DATE SPUDDED 11-1-78
 16. DATE T.D. REACHED 11-7-78
 17. DATE COMPL. (Ready to prod.) 11-9-78 (Plug & Abd.)
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4291' KB
 19. ELEV. CASINGHEAD 4281'

20. TOTAL DEPTH, MD & TVD 5478'
 21. PLUG, BACK T.D., MD & TVD -
 22. IF MULTIPLE COMPL., HOW MANY -
 23. INTERVALS DRILLED BY -
 ROTARY TOOLS 0-TD
 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
 None
 25. WAS DIRECTIONAL SURVEY MADE
 No

26. TYPE ELECTRIC AND OTHER LOGS RUN
 FDC-GR, IL
 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#	169'KB	12 1/4"	160 sacks	-

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
 None

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)
-	-	P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

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 Prod. & Engineering Mgr. DATE 11-29-78

DVR
 FJP
 HMM
 JAW
 JJD
 RLG
 CGM

See Spaces for Additional Data on Reverse Side

T

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

Ray
Wellbore



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COLO. OIL & GAS CONS. COMM.

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

for

OKMAR OIL COMPANY

#16 - Budin

NW NW Sec. 2, T-8-N, R-55-W

Logan County, Colorado

Richard T. Hercher
Consultant Geologist

DST #3

5260-68

D SAND

Tool Open 15 Min., shut in 30 Min - open 2 Hrs. -
shut in 1 Hr.

Blow 1st open fair blow - increased to bottom of
bucket in 5 Min.
2nd open fair blow - increased to 8" under
water in 40 Min. - decreased to dead in
120' Min.

Recovery 120' gas, 505' fluid, 204' MW, 301' watery
gas cut mud

Pressures:

IF	ISIP	2nd F	FSIP	IH 2905#
61-242#	1271	363-122#	1874#	FH 2784#

GEOLOGIC REPORT

Company	Okmar Oil Company
Well	#16 - Budin
Location	NW NW Sec. 2, 8N-55W Logan County, Colorado
Field	W.C.
Elevation	4281 GR. 4291 K.B.
Surface Casing	164' of 8 5/8"
Drilling Contractor	Exeter Drilling Northern
Rig	Rig #14
Sample Program	30' samples 4400 - 5250 10' samples 5250 - T.D.
Shows of Oil	D and J had slight shows of oil.
Drill Stem Tests	D and J Sands were tested.
Electrical Surveys	Shclumberger IES and FDC-GR
Date Commenced	11/1/78
Date Completed	11/9/78
Status	Plugged and abandoned.
Colo. State Plugging Data:	25 sax base-surface, fill with heavy mud, 10 sax top surface pipe.

FORMATION TOPS

	<u>Sample</u>	<u>Log</u>
NIOBRARA	4420	4427
FT. HAYS	4763	4754
CARLILE	4805	4805
GREENHORN	4982	4986
BENTONITE MARKER	5148	5154
D SAND	5251	5255
J SAND	5350	5355
T.D.	5475	5479

SAMPLE DESCRIPTIONS

5240-50	Black shale; dark grey, silty, calcareous shale.
50-60	Sandstone, med. to fine grain, dirty grey, poorly sorted, silty, low to poor P&P, no stain, taste or fluorescence; black shale.
60-70	Sandstone as above; few clusters sandstone, tan to brown, med. to fine grain, hard, blocky, low to no P&P, will not fluoresce, no oil taste (dead oil?) few clusters fine grain, white, clay filled; two clusters med. grain, angular, low P&P, blotchy to speckled, light fluorescence on crushing.
70-80	Sandstone, med. to fine grain, dirty grey to tan, hard, poor P&P, N.S.; grey, hard, blocky siltstone; black shale.
80-5300	Dark grey to black shale, silty and hard; traces of sand as above; much pale green to white bentonite.
5300-20	Black, hard shale; grey shale.
20-40	Black, soft, carbonaceous shale; much soft bentonite.
40-50	Dark grey, silty shale; black, hard shale.
50-60	Sandstone, med. to fine grain, light to dark grey, hard, low P&P, N.S.; few clusters med. grain, well sorted subangular sand, even, light oil stain, even, light fluorescence, fair oil taste.

SAMPLE DESCRIPTION (cont'd)

- 5360-70 Sandstone, med. to fine grain, light grey, poor P&P, hard and tight, no stain or fluorescence.
- 70-80 Sandstone, med. to coarse grain, light to dark grey, poorly sorted, low to poor P&P, no stain or fluorescence; sandstone, white, hard, tight, blocky clusters, med. grain, N.S.
- 80-86 Same; trip for bit 5386.
- 86-5400 Black shale; dark grey, silty shale; sandstone, med. to fine grain, poorly sorted, sub rounded, fair P&P, N.S.
- 5400-10 Same; sand is partially clay filled.
- 10-30 Grey shale; black, fissile shale.
Lost circ. at 5428.
- 30-40 Black shale; trace pale greenish grey, hard, blocky cluster sand, no P&P, N.S.; trace pale green bentonite.
- 40-60 Shale as above; trace sandstone, med. grain, tan, clay filled, soft and friable, poor P&P, N.S.
- 60-70 Black, fissile shale; traces of white to light grey, silty, poorly sorted, med. to fine grain sand, hard, low P&P, N.S.
- 5475 Circ.
30 Min. Same, N.S.

BIT RECORD

	<u>Make</u>	<u>Type</u>	<u>Size</u>	<u>Depth</u>
1.	STC	DT-J	7 7/8"	164-4238
2.	"	"	"	-5148
3.	"	"	"	-5338
4.	Reed	Y2-1G	"	-5386
5.	Sec.	M4N-J	"	-5475