

ORIGINAL

7/26/90

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5245  
Name Okmar Oil Company  
Address 970 Fourth Financial Center  
City/State/Zip Wichita, KS 67202

Purchaser Mobil Oil

Operator Contact Person Gary Misak  
Phone 316-265-3311

Contractor: License # 5147  
Name BEREDCO, INC.

Wellsite Geologist Sam Houston  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

5/04/89 5/11/89 6-20-89  
Spud Date Date Reached TD Completion Date

3813' 3813  
Total Depth PBTD

Amount of Surface Pipe cemented at 400 feet  
Multiple Stage Cementing Solvent Used?  Yes  No  
If yes, show depth set 1713 feet  
If alternate 2 completion, cement circulated from 1713 feet depth to surface 350 SX cmt  
Cement Company Name Halliburton  
Invoice # 810129

API NO. 15-065-22,518-00-00

County Graham  
165 north of  
E/2 .NE. .NW. Sec. 26 Twp. 9S Rge. 21 East  
X West

4785' Ft North from Southeast Corner of Section  
2970' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

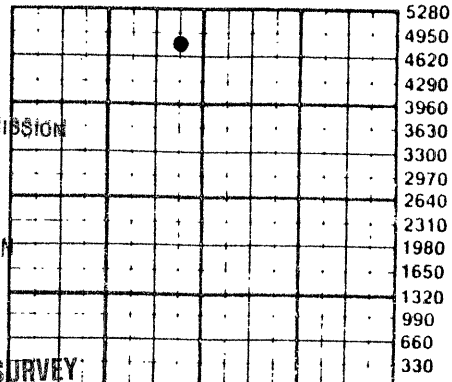
Lease Name COX A Well # 4

Field Name More 1

Producing Formation Arbuckle

Elevation: Ground 2277 KB 2282

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
7/26/89  
JUL 26 1989

CONSERVATION DIVISION  
Wichita, Kansas

KANSAS GEOLOGICAL SURVEY

WICHITA BRANCH

JUL 26 1989

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # D-4090  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner  
.....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain).....  
(purchased from city, R.W.D. #)

CONFIDENTIAL

ALT II  
9-10-90

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Gary Misak  
Title District Engineer Date 7-25-89

Subscribed and sworn to before me this 25th day of July 1989.  
Notary Public Betty J. Terbush  
Date Commission Expires April 11, 1992

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Sec 26  
Rge 21  
C 110

BETTY J. TERBUSH  
State of Kansas  
My Appt. Exp. Apr. 11, 1992

Operator Name Okmar Oil Company Lease Name COX A Well # 4

Sec. 26 Twp. 9S Rge. 21  East  West County Graham, KS

RELEASED

WELL LOG

SEP 10 1990

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

FROM CONFIDENTIAL

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1-LKC "B" 3500-3533; 30-30-30-30; weak blow, died in 15", both flows; Rec 30' HOCM (25% oil); FP 21-21/32-32; SIP 476/296  
 DST#2-LKC "F" 3543-3570; 30-30-30-30; Rec 60' SOCWM (20% water, scum of oil, Cl 23,000 ppm); FP32-32/64-64 SIP 840/808  
 DST#3-ARB, 3769-90; 30-30-30-30; Rec 2210' of total fluid (7% oil); [50' HOCMW (20% oil, 30% wtr), 270' HOCMW (10% oil, 50% wtr), 360' OCMW (10% oil, 70% water), 450' OCW (10% oil, 90% wtr) 180 SOCW (5% oil 95% wtr), 900' wtr]; Cl 18,000 ppm; FP 226-776/883-1012, SIP 1130/1130  
 DST#4-Arb 3803-13; 45-45-45-45; Rec 405' oil (26 grav), 95' M&WCO (60% oil, 10% water), 285' water, oil cut-total fluid 59%, FP 43-140/194-336; SIP 1151/1151

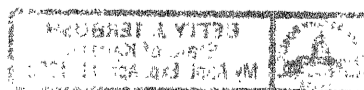
Name	Top	Bottom
Red bed & Anhy Limestone	0	2800
Shale	2800	3451
Limestone & shale	3451	3474
Shale	3474	3700
Conglomerate: Limestone	3700	3744
siltstone, chert	3744	3785
Dolomite	3785	3813

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface		8-5/8	20	266	60/40 Poz	185	2% gel, 3% cc
Production		5-1/2		3803	60/40 Poz	150	2% gel, 10% salt,
3/4 of 1% CFR2, 1/4# flocele, 3# gilsonite, DV tool set @ 1713' w/300 sk. Halliburton lite, 1/4# flocele, 50 sk. Common							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
Open hole	3803-13			None			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size <u>2 7/8</u>		Set At <u>3806</u>		Packer at	
7-16-89		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
10 Bbls			MCF	240 Bbls	CFPB	28° API	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 3803-13  
 Used on Lease  Dually Completed  Conminged



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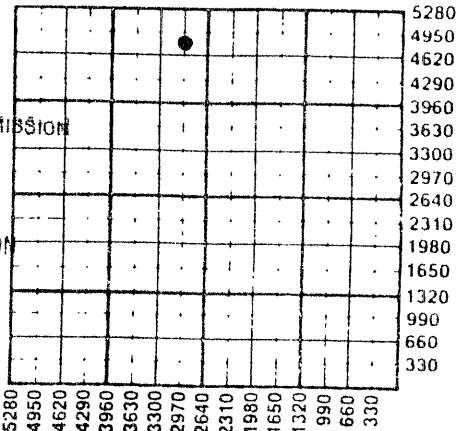
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Date Commission Expires April 11, 1992

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 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

STATE CORPORATION COMMISSION

Sec 913-210