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5-35-16W

SIDE ONE

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

API NO. 15- 033-20,817

County Comanche

SW SE NE Sec. 5 Twp. 35S Rge. 16 East X West

2970' Ft. North from Southeast Corner of Section

1350' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Operator: License # 03384

Name: R. J. Sullivan dba Sullivan and Company

Address Suite 1700

320 South Boston

City/State/Zip Tulsa, OK 74103

Purchaser: dry P & A

Operator Contact Person: Dale E. Dawson

Phone (918) 584-4288

Contractor: Name: Sage Drilling Co.

License: 5421

Wellsite Geologist: BecSul

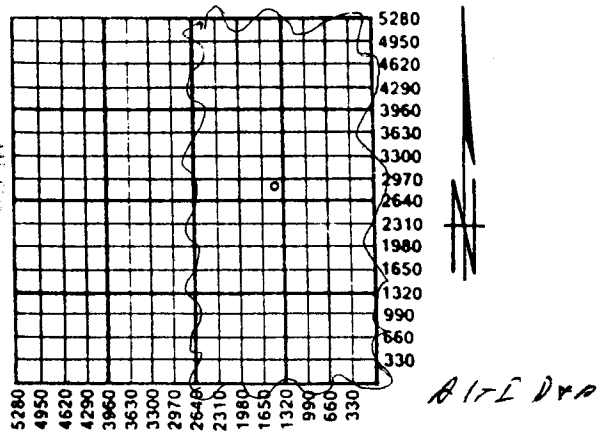
Lease Name R. McMoran Well # 2

Field Name W/C

Producing Formation dry hole

Elevation: Ground 1839' KB 1861'

Total Depth 5380' PBTD ---



Designate Type of Completion

X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ Temp. Abd.

___ Gas ___ Inj ___ Delayed Comp.

X Dry ___ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator:

Well Name:

Comp. Date ___ Old Total Depth ___

Drilling Method:

X Mud Rotary ___ Air Rotary ___ Cable

04-08-91	04-17-91	04-20-91
Spud Date	Date Reached TD	Completion Date

Amount of Surface Pipe Set and Cemented at 480 Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set --- Feet

If Alternate II completion, cement circulated from ---

feet depth to --- w/ --- sx cmt.

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CONSERVATION DIVISION
Wichita, Kansas

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. ALL CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Dale E. Dawson

Title Production & Operations Manager Date 04-25-91

Subscribed and sworn to before me this 25th day of April, 19 91.

Notary Public Faye Voorhis

Date Commission Expires December 7, 1992

K.C.C. OFFICE USE ONLY

F ___ Letter of Confidentiality Attached

C ✓ Wireline Log Received

C ___ Drillers Timelog Received

Distribution

✓ KCC ___ SWD/Rep ___ NGPA

✓ KGS ___ Plug ~ Other (Specify)

Form ACO-1 (7-89)

SIDE TWO

Operator Name R. J. Sullivan dba Sullivan and Company

Lease Name R. McMoran Well # 2

S. 5 Twp. 35S Rge. 16 ☐ East ☒ West

County Comanche

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 pressures, whether 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.

Drill Stem Tests Taken (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Base Heebner	4360	
Lansing -K.C.	4550	
Ft. Scott	5160	
Miss. Lm.	5270	

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CASING RECORD ☒ New ☐ 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	12¼"	8 5/8"	23#	480	Class "A"	150	3% CaCl₂

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
none	none	none	

TUBING RECORD Size none Set At Packer At

Liner Run ☐ Yes ☒ No

Date of First Production: Dry P & A

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled ☐ Other (Specify)

Production Interval: none

COPY

** DRILLERS LOG **

R. McMoran No.2
Section 5-35S-16W
Comanche County, Kansas

Ran 11 jts of 8-5/8"
set @ 480',
Cement W/180sx
3%cc + 150 sx Class A

Operator: Sullivan & Company

Contractor: Sage Drilling Co.

Commence: April 8, 1991

Completed: April 20, 1991

Formation:	From	To	Remarks:
Red Bed	40'	1250'	
Shale/Anhy	1250'	1700'	
Anhy/Shale	1700'	2200'	
Shale	2200'	3650'	
Lime/Shale	3650'	5380'	TD Plugged 50 sx @ 510' 50 sks @ 510' 10sks @ 40' 10 sks @ 3'- 30' 15 sks Rathole 15 sks Mousehole

I Certify that this is a true and correct copy of the log on the above captioned well to the best of my knowledge

Martin F. Huschka
Secretary/Treasurer

Subscribed and sworn to before me this 23th day of April, 1991.

MaDonna McGinn
Notary Public

My Commission Expires:
November 15, 1994

MADONNA D. McGINN
Notary Public - State of Kansas
My Appt. Expires 11/15/94

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APR 26 1991

CONSERVATION DIVISION
Wichita, Kansas