

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 # 5208
Name Mobil Oil Corporation
Address P. O. Box 5444
City/State/Zip Denver, CO 80217-5444

Purchaser Permian

Operator Contact Person D. C. Forbes
Phone (303) 298-2036

Contractor: License # 9137
Name Unit

Wellsite Geologist T. N. Tvrdik
Phone (303) 298-3689

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
6-11-85 6-26-85 7-2-85
Spud Date Date Reached TD Completion Date
6340' 6290'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 1818 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3133 feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-189-20854-0000
County Stevens
C SW SW 1 32S 35 East
Sec Twp Rge West

690 Ft North from Southeast Corner of Section
4800 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

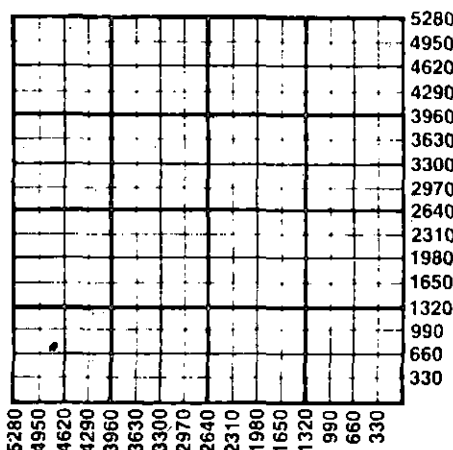
Lease Name Herschel Logan Well # 1

Field Name North Shuck LARRABEE

Producing Formation Chester

Elevation: Ground 2969' 2985' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # CO-82-408-C Repressuring
(CC-13,821)

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

Source of Water:
Division of Water Resources Permit # T 85-526
210' NW of Oil Well
 Groundwater Ft North from Southeast Corner (Well) 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. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 Richard E. Dawson J. E. Dawson

Title Production Accounting Supervisor Date 10/2/85

Subscribed and sworn to before me this 14th day of October 1985
Notary Public Clara M. Biddle

Date Commission Expires My Commission expires February 14, 1988

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)
RECEIVED 10-21-85

OCT 21 1985 Form ACO-1 (7-84)

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Herschel Logan Well # 1

Sec. 1 Twp. 32S Rge. 35 East West County Stevens

WELL LOG

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Acid/Frac Record:

Frac'd formation in the following stages:

15,000 gals gelled diesel pad
 7,500 gals gelled diesel w/1/2 ppg 20/40 sand
 5,000 gals gelled diesel w/1 ppg 20/40 sand
 5,000 gals gelled diesel w/2 ppg 20/40 sand

Core #1:

6102-50

Name	Top	Bottom
Chase	2610	
Winfield	2678	
Council Grove	2919	
Admire	3187	
Wabaunsee	3308	
Shawnee	3727	
Lansing	4224	
Kansas City	4513	
Marmaton	4956	
Cherokee	5160	
Morrow	5583	
Chester	5850	
Ste. Genevieve	6134	
St. Louis	6240	

CASING RECORD <input type="checkbox"/> New <input 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	12-1/4"	9-5/8"	36#	1818'	65/35POZ "H"	600 100	6% gel + 3% CaCl ₂ 3% CaCl ₂
Production	8-3/4"	5-1/2"	15.5#	6334'	50/50POZ 65/35POZ	400 100	6% gel + 3% CaCl ₂
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	6099'-6112'			(see acid/frac record detailed above)			
TUBING RECORD				Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size 2-7/8"	Set At 6130'	Packer at 6037'			
Producing Method		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		
		Trace					

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

6099'-6112'

Dually Completed
 Commingled

190 sx 50/50 POZ + 2% CaCl₂