



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

Operator Contact Person C. J. Park Phone 303/298-2696

Contractor: license # 6663 name Damac Drilling

Wellsite Geologist G. D. Zimbrick Phone 303/298-2483

PURCHASER N/A

Type of Completion: [X] New Well [ ] Re-Entry [ ] Workover

Oil [X] Gas [ ] Dr... SWD [ ] Inj [ ] Other (Core, Water Supply etc.) Temp Abd [ ] Delayed Comp. [ ]

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

WELL HISTORY

Drilling Method: [X] Mud Rotary [ ] Air Rotary [ ] Cable 3-5-84 3/13/84 4/24/84 4502' 4445' Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 293' feet

Multiple Stage Cementing Collar Used? [ ] Yes [X] No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15 - 077-20,948

County Harper

Location: SE NE Sec 7 Twp 31S Rge 8 West

2970 Ft North from Southeast Corner of Section 330 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

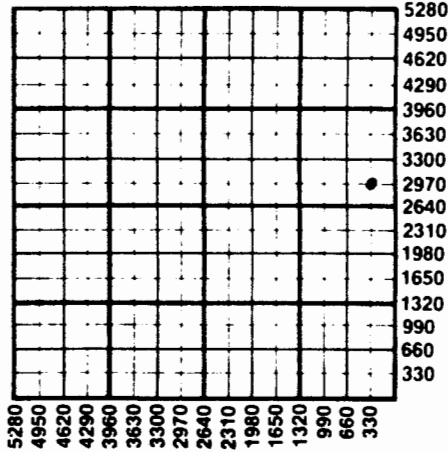
Lease Name A. J. Kernohan Ut. Well# 3

Field Name Spivey Grabs

Producing Formation Mississippi Chat

Elevation: Ground 1673' KB 1681'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit # N/A

[ ] Groundwater N/A Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge [ ] East [ ] West

[ ] Surface Water N/A Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge [ ] East [ ] West

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

Disposition of Produced Water: [X] Disposal [ ] Repressuring

Docket # 53,248-C C-15235

LOGGING RECORD size 2 7/8" set at 4448' packer at 4347' Liner Run [ ] Yes [ ] No

Date of First Production Producing method [ ] flowing [ ] pumping [ ] gas lift [ ] Other (explain)

Table with columns: Oil (Bbls), Gas (MCF), Water (Bbls), Gas-Oil Ratio (GPR), Gravity

Operator Name Mobil Oil Corporation... Lease Name A. J. Kernohan #3... SEC. 7... TWP. 31S... RGE. 8...  East  W

**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

Name	Top	Bottom
Heebner	3457	
Lansing	3652	
Kansas City	3938	
Stark	4088	
Cherokee	4326	
Mississippian	4416	

\*Acid/Frac Record

4/24/84 - Breakdown perms with 2,980 gals. of 2% KCL water with 20 ball sealers treated at 6 BPM with a max. pressure of 2800 psi (balled out) - Halliburton frac'd the Mississippi Chat with the following: 5000 gals. pad; 2000 gals. with 1 ppg - 20/40 sand; 2000 gals. with 2 ppg 20/40 sand; 6000 gals. with 3 ppg - 20/40 sand, 2000 gals. with 3 ppg - 10/20 sand; 1300 gals. flush.

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....  
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

4416-4428'

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"	8 5/8"	32#	293'	Class H	225	3% CaCl <sub>2</sub>
Production	7 7/8"	5 1/2"	15.5#	4500'	Class H	215	12% gel+3% CaCl <sub>2</sub> 10% salt + defoam add
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
2	4416-4428			*See acid/frac record detailed above			

Title Producing Accounting Supervisor

Date 2-6-84

Distribution