

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

Operator: License # 5208
Name MOBIL OIL CORPORATION
Address P.O. BOX 5444
City/State/Zip DENVER, COLORADO 80217

Purchaser SOLD ON SPOT MARKET
(TRANSPORTER: ENRON

Operator Contact Person B. R. MAYNARD
Phone (303) 298-2069

Contractor: License #5382
Name CHEYENNE DRILLING, INC.

Wellsite Geologist AMY SULLIVAN
Phone 303-298-2570

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

If OMWD: old well info as follows;
Operator _____
Well Name _____
Comp. Date _____

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

7/22/89 7/25/89 9/1/89
Spud Date Date Reached TD Completion Date

3150' 3136'
Total Depth PBDT NI/I

Amount of Surface Pipe Set and Cemented at 825 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ feet
If alternate 2 completion, cement circulated
from _____ feet depth to _____ w/ _____ SX cmt
Cement Company Name B. J. TITAN SERVICES (SURFACE CSG.)
Invoice # WESTERN (PRODUCTION CSG.)

API No. 15- 189 - 21357 - 00 - 00
COUNTY STEVENS East
SW NE NE Sec 17 Twp 34S Rge 37 X West
4036.6 Ft North from Southeast Corner of Section
1250 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

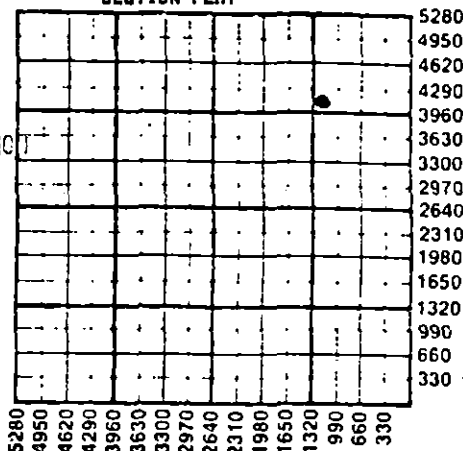
Lease Name SPRINGER #1 UNIT WELL # 3

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3177' KB 3188

SECTION PLAT



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-19411 Repressuring

Questions on this portion of ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit# _____

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

WATER HAULED BY DILLCO

Other (explain) PURCHASED FROM THE CITY OF LIBERAL
(purchased from city, R.W.D. #)

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 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 WE Ward for B.R. Maynard B. R. MAYNARD

Title REGULATORY COMPLIANCE MANAGER Date 10/13/89

Subscribed and sworn to before me this 13 day of October
1989
Notary Public George George

Date Commission Expires 4/3/91

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name SPRINGER #1 UNIT Well # 3

Sec 17 Twp 34S Rge 37 X East X 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 X No
 Samples Sent to Geological Survey Yes X No
 Cores Taken Yes X No

Formation Description
XX Log Sample

Name	Top	Bottom
GLORIETTA	1248' (+1940')	
STONE CORRAL	1735' (+1453')	
CHASE	2670' (+518')	
WINFIELD	2738' (+450')	
COUNCIL GROVE	3020' (+168')	

CASING RECORD

XX 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	12-1/4"	8-5/8"	24#	825	CL H	290 SX	65:35:6 + 3% CACL2
					CL H	170 SX	+ 2% CACL
Production	7-7/8"	5-1/2"	14#	3150	CL H	380 SX	65:35:6
					CL H	290 SX	50:50 LITE POZ +2% GEL +2% CACL2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record
 (Amount and Kind of Material Used)

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
3 SHOTS	2910' - 2925'	ACIDIZED EACH PERF W/2BBL 15% HCL + ADDITIVES. 2670'-
8 SHOTS	2842' - 2894'	AVERAGE RATE 2BPM. AVERAGE TREATING PRESSURE 2925'
5 SHOTS	2788' - 2818'	1250 PSI.
7 SHOTS	2732' - 2771'	FRAC'D W/82,850 GAL 30# XL, 2,500 GAL 2% KCL WTR.
3 SHOTS	2700' - 2714'	W/276,000 LBS SAND.
6 SHOTS	2670' - 2698'	

TUBING RECORD Size 2 3/8" Set At 3136' Packer At NONE Liner Run Yes XX No

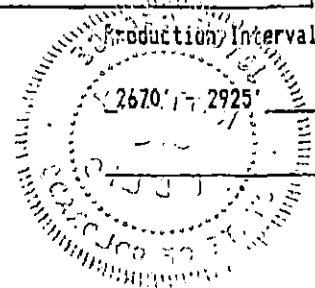
Date of First Production Producing Method X Flowing Pumping Gas Lift Other (explain)

W/O CONNECTION

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION

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



OPERATOR: MOBIL OIL CORPORATION
FIELD: KS HUGOTON COUNTY: STEVENS
WELL: SPRINGER 1 UT 3 SECTION: 17-34S-37W
API NO. 1518921357

DATE	REMARKS
89 JUL 22	SPUD WELL; DRILLED FROM 0' TO 825'
89 JUL 23	CIRC/COND HOLE SURVEYED TOH FOR CASING RU & RUNNING 8-5/8" CASING RUN 8-5/8" CSG; SET AT 825' RU AND CEMENT CASING WOC CUT OFF; WELD ON CASING HEAD TEST HEAD TO 1000 PSI NU BOP TIH W/BIT TEST BOP AND MANIFOLD TO 800 PSI DRILL CEMENT; PLUG AND SHOE REAM MOUSE HOLE REPAIR SWIVEL DRILLED FROM 825' TO 1470' SERVICE RIG DRILLED FROM 1470' TO 1846'
89 JUL 24	TRIP FOR BIT #3 DRILLED FROM 1846' TO 1937' DRILLED FROM 1937' TO 2000' SERVICE RIG DRILLED FROM 2000' TO 2092' REPACK SWIVEL DRILLED FROM 2092' TO 2182' REPAIR SWIVEL DRILLED FROM 2182' TO 2250 SERVICE RIG DRILLED FROM 2250' TO 2477' RIG REPAIR DRILLED FROM 2477' TO 2538' REPLACE STUFFING BOX ON PUMP DRILLED FROM 2538' TO 2661' SERVICE RIG DRILLED FROM 2661' TO 2968'
89 JUL 25	DRILLED FROM 2968' TO 3025' SERVICE RIG DRILLED FROM 3025' TO 3150' 9TD) CIRC/COND HOLE ROH; SURVEYED; SLM-NO CORRECTION RU & RUN LOGS; RUN #1-DIL/GR/SL; #W-LDL/SONIC/CNL/GR TIH CIRC/COND MUD TOH; LD DP & DC'S
89 JUL 26	RUN 5-1/2" CSG; SET AT 3150' RU WESTERN PRIOR TO CEMENTING; RD CSG HEAD

RECEIVED
STATE CORPORATION COMMISSION

OCT 18 1989

Oil and Gas Division
Topeka, Kansas

CEMENT 5-1/2" PRODUCTION CASING
ND BOP; CUT OFF 5-1/2"; SET SLIPS
JET AND CLEAN PITS; RELEASED RIG

MOBIL OIL CORPORATION

DRILLING COMPLETION SUMMARY

WELL:	SPRINGER 1 UT 3	MATCH NUMBER:	891021
API:	1518921357		
WELL TYPE:	DEVELOPMENT		
COORDINATES:	4030' FSL 1250' FEL		
SECTION:	17-34S-37W	FIELD:	KS HUGOTON
COUNTY:	STEVENS	STATE:	KS
WELL SPUDDED:	89 JUL 22		
REACHED TD:	89 JUL 25		
RIG RELEASE:	89 JUL 26		
GROUND ELEVATION:	3174		
KB ELEVATION:	0		
OBJECTIVE:	CHASE		
PROD. CASING DEPTH:	0		

ADDITIONAL COMMENTS

RECEIVED
STATE CORPORATION COMMISSION

OCT 18 1989

CLERK OF COMMISSION
Wichita, Kansas

10/10/89

OPERATOR: MOBIL OIL CORPORATION
FIELD: KS HUGOTON COUNTY: STEVENS
WELL: SPRINGER 1 UT 3 SECTION: 17-34S-37W
API NO. 1518921357

DATE

89 JUL 23 CASING_OD 8-5/8" TOP_CSG 0 SHOE_DEPTH 825
CMT LEAD W/290 SX CLASS 'H'; 65:35:6; 12.7 SLURRY WT; TAILED
CMT W/170 SX CLASS 'H'; 2% CACL; 16.4 SLURRY WT
CMT
CMT
CMT
CMT

89 JUL 25 CASING_OD 5-1/2" TOP_CSG 0 SHOE_DEPTH 3150
CMT LEAD W/380 SX CLASS 'H'; 65:35:6; 12.7 PPG SLURRY WT; TAILED
CMT W/290 SX CLASS 'H'; 50:50 LITE POZ; 2% GEL; 2% CACL; 14.2
CMT PPG SLURRY WT
CMT
CMT
CMT

RECEIVED
STATE CORPORATION COMMISSION

OCT 18 1989

COMMUNICATIONS SECTION