

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

API NO. 15-...185-22-458-1000

County... Stafford

50'S NE SW SW 32 23 13 East
..... Sec..... Twp..... Rge..... X West

940' Ft North from Southeast Corner of Section
4290' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Operator: License # 03372
Name Morrison-Dixon Oil Operations Inc.
Address One Main Place Suite 606
City/State/Zip Wichita, Kansas 67202

Lease Name Bradley-Garvin Well # 1

Purchaser KOCH

Field Name Merle

Operator Contact Person Michael W. Dixon
Phone 316-264-9632

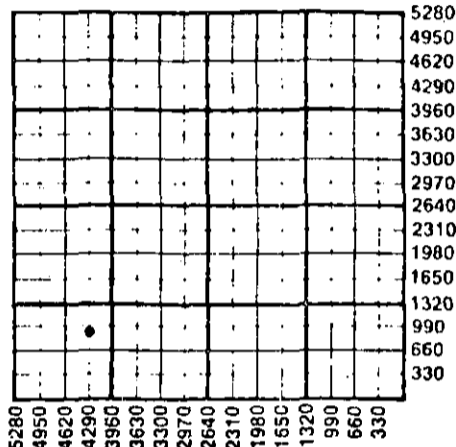
Producing Formation L/KC

Elevation: Ground 1911 KB 1916

Contractor: License # 5420
Name White & Ellis Drilling, Inc.

Wellsite Geologist Michael W. Dixon
Phone 316-264-9632

Section Plat



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

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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
9-2-87 9-12-87 9-28-87
Spud Date Date Reached TD Completion Date
4100' 4051'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 305 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
Cement Company Name Allied
Invoice # 48612

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # 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
(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 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 [Signature]

Title Vice President Date 10-12-87

Subscribed and sworn to before me this 12 day of October 1987...

Notary Public Nancy J. Partridge

Date Commission Expires...

Notary Public Seal: NANCY J. PARTRIDGE, NOTARY PUBLIC, STATE OF KANSAS, My Appt. Exp. 3-17-1990

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
OCT 12 1987

CONSERVATION DIVISION
Wichita, Kansas

10-12-87

Operator Name **Morrison-Dixon Oil Operation, Inc.** Lease Name **Bradley-Garvin** Well # **1**

Sec. **32** Twp. **23** Rge. **13** East West County **Stafford**

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

DST #1 3548-3600(30-45-60-45)Rec. 1600' GIP, 165'mud, 60'W&OCM(chl.25,000 PPM) IFP 58-70# FFP 93-116#, ISIP 1089#, FSIP 847#, IHP 1740#, FHP 1717#, Temp. 111°
 DST #2 3594-3615(30-45-60-45)Rec. 1550'GIP, 150'SWCMO (35%o, 25%G, 25%M, 15%W), 60' OCW, 630'wtr.(chl.77,000PPM) IFP 93-221#, FFP 280-397#, ISIP 1077#, FSIP 1020#, IHP 1752# FHP 1729#, Temp 115°
 DST #3 3659-3675(30-45-30-45)Rec. 300' GIP, 270'G&MCOW(15%O), 910' GSY.W(1%o) chl.48,000PPM, IFP 128-385# FFP 420-525#, ISIP 1020#, FSIP 1009#, IHP 1752#, FHP 1729#
 DST #4 3696-3780(30-45-75-45)G.T.S.5 min. 2nd Op. GA 7.12 MCF in 30"-Dec. to 5.60 MCF Rec. 105' OC Gsy.M, 480' Gsy. Mdy. Oil(43%G,32%O, 24% M, 1%W) IFP 140-186# FFP 210-280#, ISIP 986#, FSIP 928#, IHP 1844#, FHP 1821#, Temp 114°
 DST #5 3877-3957(30-45-60-45)Rec. 30'MW/few spks. oil, IFP 70-70#, FFP 70-70#, ISIP 128#, FSIP 105#, IHP 1866#, FHP 1844#, Temp 117°

Name	Top	Bottom
Anhydrite	788	
B/An.	808	+1108
Hb	3377	-1461
Brn. Ls.	3510	-1594
Lansing	3538	-1622
B/KC	3799	-1883
Miss	3870	-1954
Kind Sh	3887	-1971
Viola	3933	-2017
Simp Sh	4003	-2087
Simp Sand	4020	-2104
Arbuckle	4056	-2140
R.T.D.	4100	-2184
L.T.D.	4104	-2188

CASING RECORD <input checked="" 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 1/2"	8 5/8"	24#	305'	60/40. poz.	180	2%gel. 3%CC
Production	7 7/8"	4 1/2"	10.5#	4103'	60/40. poz.	200	18% salt... 3/4-1% CER-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	
2/ft	3775-80			250 gal. MCA & 750gal. 15% NE		3775	
2/ft	3737-42			250 gal. MCA		3737	
2/ft	3701-3707			250 gal. MCA		3701	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At	Packer at				
2 3/8"		3816'	NONE				
Date of First Production		Producing Method					
10-3-87		<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	
20 Bbls		N/A	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3775-80/3737-42
 Used on Lease Dually Completed & 3701-3707
 Conmingled

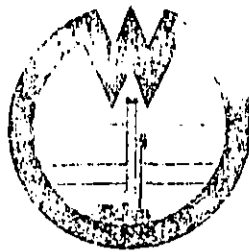
Bradley-Garvin #1 (Cont'd)

DST #6 3993-4030 (25-15-15-15), Rec. 5' mud,
IFP 35-35# FFP 35-35# ISIP 35# FSIP 35#
IHP 1918# FHP 1958# Temp 116°

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CONSERVATION DIVISION
Wichita, Kansas



WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Morrison-Dixon Oil Operations, Inc., Suite 606 - One Main Place, Wichita, KS
67202
CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500,
Wichita, Ks. 67202

Lease Name Bradley-Garvin Well No. 1

Sec. 32 T. 23S R. 13W Spot 50' S of NE SW SW

County Stafford State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 302' with 180 sx. 3% CC 2% Gel

Production: 4 1/2" @ 4103' with 200 sx. 2% Gel

Type Well: Oil Well Total Depth 4104'

Drilling Commenced 9-9-87 Drilling Completed 9-12-87

Formation	From	To	Tops
Cellar	0	7	Arbuckle
Shale, Lime	7	4104	4052

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