

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

ORIGINAL

API NO. 15- 095-21,5770001

County Kingman

SW - NE-NE Sec. 36 Twp. 29 Rgn. 9

4380 Foot from S (circle one) Line of Section

900 Foot from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Hartshorn Well # 1

Field Name Spivey - Grabs Basil

Producing Formation Mississippi & Arbuckle (Disposal)

Elevation: Ground 1639 KB 1644

Total Depth 4740 PBDT 4687

Amount of Surface Pipe Set and Cemented at 257 Feet

Multiple Stage Cementing Collar Used? Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan REWORK JPH 8-11-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator KANSAS CORPORATION COMMISSION RECEIVED 12-27-94

Lease Name _____ License No. _____

Quarter 27 1994 Soc. _____ Twp. _____ S Rng. _____ E/W

County CONSERVATION DIVISION WICHITA, KS Docket No. _____

Operator: License # 5042

Name: Edmiston Oil Company, Inc.

Address 125 N. Market, Ste. 1310

City/State/Zip Wichita, Kansas 67202

Purchaser: Wichita Industrial Energy Corp.

Operator Contact Person: Jon M. Callen

Phone (316) 265-5241

Contractor: Name: H-30

License: 5107

Wellsite Geologist: Lee Poulson

Designate Type of Completion
New Well _____ Re-Entry X Workover _____

BOTH
X Oil X SWD _____ SIOW _____ Temp. Abd.
X Gas _____ ENHR _____ SIGW _____
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Edmiston Oil Company, Inc.

Well Name: Hartshorn #1

Comp. Date 1/19/88 Old Total Depth 4740

X FRACTURE TREATED

Deepening X Re-perf. X Conv. to Inj. SWD

Plug Back _____ PBDT

Cementing Docket No. _____

XX Dual Completion Docket No. D-25,301

Other (SWD or Inj?) Docket No. _____

12/1/87 11-16-94 12-15-87 11-19-87 11-20-94

Spud Date of START OF WORKOVER _____ Date Reached TD _____ Completion Date of WORKOVER _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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 Jon M. Callen

Title President Date 12/7/94

Subscribed and sworn to before me this 12th day of December, 19 94.

Notary Public Max R. Lovely

Date Commission Expires 5/16/98

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
Distribution
✓ KCC _____ SWD/Rep _____ NGPA
KGS _____ Plug _____ Other (Specify)

NOTARY PUBLIC—State of Kansas
MAX R. LOVELY
My Appt. Exp. 5/16/98

ORIGINAL

Operator Name Edmiston Oil Company, Inc.

Lease Name Hartshorn

Well # 1

Sec. 36 Twp. 29 Rge. 9

East

County Kingman

West

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.) on file

List All E.Logs Run:

Completed Per Family Relation

Log	Formation (Top), Depth and Datum	Sample
Name	SAMPLE Top LOG Datum	
Heebner	3301 (-1657)	3299 (-1655)
Lansing	3536 (-1892)	3520 (-1876)
Stark	3900 (-2256)	3896 (-2252)
Swope	3906 (-2262)	
Hertha	3943 (-2299)	
Mississippi	4207 (-2563)	4206 (-2562)
Kinderhook	4379 (-2735)	4409 (-2765)
Viola	4532 (-2888)	4531 (-2887)
Simpson Sand	4582 (-2938)	4576 (-2932)
Arbuckle	4700 (-3056)	4698 (-3054)

CASING RECORD <input type="checkbox"/> New <input checked="" 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	14 3/4	10 3/4	42	257	60/40 POZ	210	2%gel, 3%cc
Production	9 7/8	7		4702	50/50 POZ	265	2%gel, 3%cc
							184# gils./sk

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4207' - 4212'	11/18/94 Frac. Job:	4220 - 25
	4702' - 4740' OPEN HOLE	17,000# 20/40 sand	
		9,000# 12/20 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	4652	4652	
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
11-22-94					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		100			

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

METHOD OF COMPLETION

Vent Hole Perf. Dually Comp. Commingled

Production Interval

4207' - 4212'