

SIDE ONE

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

ORIGINAL

API NO. 15-007-22,377-0000

County Barber County, Kansas

SE SE SE Sec. 21 Twp. 32S Rge. 15 East West

330 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Marsh Trust "A" Well # 1

Field Name Deerhead

Producing Formation None

Elevation: Ground 1884 KB 1889

Total Depth 3956 PBD

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, KS. 67202

Purchaser: _____

Operator Contact Person: Don Beauchamp

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Billy G. Klaver

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

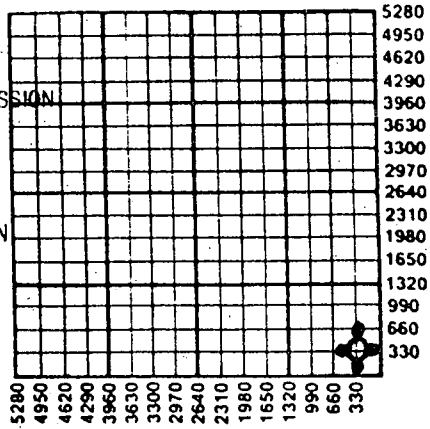
Drilling Method:

Mud Rotary Air Rotary Cable

9-06-91 9-12-91 9-12-91

Spud Date Date Reached TD Completion Date

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OIL & GAS CONSERVATION DIVISION
Wichita, Kansas



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
N
AIT DTP

Amount of Surface Pipe Set and Cemented at 227' KB Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

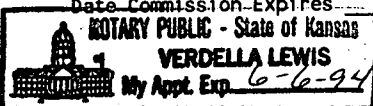
Signature C. W. Sebitts

Title President Date 9-17-91

Subscribed and sworn to before me this 17th day of September, 19 91.

Notary Public Verdella Lewis

Date Commission Expires 6-06-94



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)

SIDE TWO

Operator Name Pickrell Drilling Co. Inc. Lease Name Marsh Trust "A" Well # 1
 Sec. 21 Twp. 32S Rge. 15 East County Barber County, Kansas
 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 (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Elgin Zone</td> <td>3907(-2018)</td> <td></td> </tr> <tr> <td>Elgin Sand</td> <td>3910(-2021)</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Elgin Zone	3907(-2018)		Elgin Sand	3910(-2021)	
Name	Top	Bottom								
Elgin Zone	3907(-2018)									
Elgin Sand	3910(-2021)									

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 Casing	12 1/4"	8 5/8"	20#	227'KB	60/40 Poz	160sx	2%gel, 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
Date of First Production		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	

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

ORIGINAL

#1 Marsh Trust 'A'
SE SE SE
Sec. 21-32S-15W
Barber County, Kansas

API: 15-007-22,377 - 0000
ELEV: 1889' KB, 1887' DF, 1884' GL
330' From South Section Line
330' From East Section Line

- 9-03-91: MIRT.
- 9-04-91: SD due to weather.
- 9-05-91: SD - too wet to move.
- 9-06-91: MIRT.
- 9-09-91: (On 9-06) Spud @ 2:00 PM. Set new 8 5/8" 20# Csg. @ 227'KB. Cement w/160sx of 60/40 poz, 2% gel, 3% CC. Complete @ 6:00 PM on 9-06-91. Cement Circ. (On 9-07) Drlg. @ 550'. (On 9-08) Drlg. @ 2107'. (On 9-09) Drlg. @ 2930'.
- 9-10-91: Drlg. @ 3762'.
- 9-11-91: Testing @ 3925'. DST #1 3910'-3920', 30"-60"-30"-60", tool plugged, misrun: no valid pressures. Are retesting.
- 9-12-91: RTD 3956'. DST #2 3911'-3925', 30"-60"-90"-90", Rec. 720' O&GCM (15% G, 3% O, 10% Wtr, 73% M & 840' Mdy Wtr (20% M, 80% Wtr, Chl 53,000 PPM), IFP 376#-430#, FFP 516#-644#, ISIP 1653#, FSIP 1408#. Lost Circ. @ 3926'. Could not get log to TD. P&A.
- 9-13-91: (On 9-12) Plugged w/50sx @ 825', 40sx @ 260', 10sx w/bridge plug @ 40', 15sx rathole, 60-40 poz, 6% gel. Complete @ 10:00 AM on 9-12-91.

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Wichita, Kansas

SAMPLE TOPS

Elgin Sand	3910(-2021)
B/Elgin Sand	3923(-2034)

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NRW

Date	9-6-91	Sec.	21	Twp.	32	Range	15'	Called Out	1:30 P.M.	On Location	4:30 P.M.	Job Start	5:30 P.M.	Finish	6:00 P.M.	
Lease	Marsh Trust	Well No.	A-#1	1160 & 500 City Location Rd, 1st Gate, South into				Within gate		County	Barber	State	KS			
Contractor	Pickrell											Owner	Same			
Type Job	Surface											To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.				
Hole Size	12 1/4"		T.D. 231'													
Csg.	8 5/8"		Depth 231'													
Tbg. Size	Depth															
Drill Pipe	Depth															
Tool	Depth															
Cement Left in Csg.	15'		Shoe Joint													
Press Max.	Minimum															
Meas Line	Displace 14 bbl															
Perf.																

EQUIPMENT

#	No.	Cementer	Tim
Pumptrk	181	Helper	Cary
#	No.	Cementer	
Pumptrk		Helper	
#	No.	Driver	Mark
Bulktrk	101	Driver	

DEPTH of Job

Reference:	Adm Ptk Charge	380.00
22	Pumptrk Mileage	44.00
1	8 5/8 Wooden Plug	42.00
	Sub-Total	
	Total	466.00

Remarks: Cement Did Circulate.

Charge To Pickrell Drilling Co Inc.
Street 110 N. Market Suite 205
City Wichita State KS 67202
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X *[Signature]*

CEMENT

Amount Ordered	160 SKS ⁶⁰ 40 3/8 cc, 270 Gal,		
Consisting of			
Common	96	5.25	504.00
Poz. Mix	64	2.25	144.00
Gel.	3	6.25	NIC
Chloride	5	21.00	105.00
Quickset			
Handling	160	1.00	160.00
Mileage	22		140.80
		Sub-Total	
		Total	1053.80

Floating Equipment

TOTAL \$ 1519.80
Disc - 227.97
\$ 1291.83

Allied Cementing Thanks
By Tim Dickson

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