

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

COPY

API NO. 15- 129-21205

20-35-43-2
CONFIDENTIAL

County Morton

- C - NW - NE Sec. 20 Twp. 35 Rge. 43 X E475' Feet from Q/W (circle one) Line of Section1980' Feet from Q/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Boaldin Well # 2-20

Field Name West Elkart

Producing Formation Keyes & Morrow

Elevation: Ground 3683' KB 3695'

Total Depth 4736' PBTD 4704'

Amount of Surface Pipe Set and Cemented at 1393' Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 4024' Feet

Alternate II completion, cement circulated from
feet depth to w/ ex cat.Drilling Fluid Management Plan CBS-27-94
(Data must be collected from the Reserve Pit)

Chloride content 1700 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name FEB 14 1995 License No. Quarter Sec. Twp. S Rng. E/WCounty FROM CONFIDENTIAL Docket No.

Operator: License # 04782

Name: Ensign Operating Co.

Address P.O. Box 2161

City/State/Zip Liberal, Kansas 67905

Purchaser: Scurlock-Permian(OIL)Kimball(GAS)

Operator Contact Person: Reed Wacker

Phone (316) 626-8131

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: John Pruitt

Designate Type of Completion

X New Well Re-Entry WorkoverX Oil SWD SLOW Temp. Abd.X Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: Well Name: Comp. Date Old Total Depth Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.

11/6/93

11/16/93

12/6/93

Spud Date

Date Reached TD

Completion Date

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 Reed WackerTitle Prod. Supt. Date 1/31/94scribed and sworn to before me this 31 day of JANUARY, 1994.Notary Public Steve BradyDate Commission Expires 9/14/97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rop NGPA
 KGS Plug Other (Specify) IS

SIDE TWO

Operator Name Insign Operating Co.Lease Name Boaldin Well # 2-20Sec. 20 Twp. 35S Rge. 43☐ East
☒ WestCounty Morton

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

See attached

☐ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum

See attached

CASING RECORD

☒ 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	1393'	Prem Plus Lite/Cl(C)	150 575	3% CC 2% CC
Production	7-7/8"	5-1/2"	15.5	4733'	50/50 Poz	325	2% Gel, 3% KCl, 6% Halad 322

ADDITIONAL CEMENTING/SQUEEZE RECORD

6#/Sk Gil.

Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	Top Bottom			
Protect Casing				
Plug Back TD				
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 Jspf	4288' To 4300' (Morrow)		
4 Jspf	4282' To 4590' (Keyes)		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-3/8"	4559'	4559'		
Date of First, Resumed Production, SWD or Inj.	Producing Method ☒ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
	Keyes 12/1/93 Morrow 12/7/93				
Estimated Production Per 24 Hours	Oil 75 Bbls. 0	Gas 35 Mcf 675	Water 2 Bbls. 0	467	Gas-Oil Ratio 36.7 Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18)

☐ Open Hole ☐ Perf. ☒ Lost Circ. ☐ Cemented

20-35-43w
Cm

NOV 29 1993

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

CONFIDENTIAL

WELL NAME: BOALDIN #2-20

SEC: 20-35S-43W

MORTON COUNTY, KANSAS

COMMENCED: 11-6-93

COMPLETED: 11-18-93

OPERATOR: ENSIGN OPERATING COMPANY

RELEASED

FEB 14 1995

FROM CONFIDENTIAL

API#15-129-21205

KUC

JAN 31

CONFIDENTIAL

DEPTH From	To	FORMATION	REMARKS
0	290	Sand-Clay	Ran 32jts of 24#8 5/8" csg
290	952	Redbed	set @ 1393'w/575sks lite
	1129	Glorietta Sand	2%CC-1#flo seal
1129	1160	Redbed	150sks class C 3%CC
1160	1393	Redbed-Anhy	PD @ 11:30am 11-8-93
1393	1415	Anhy	
1415	1700	Redbed	
1700	2435	Redbed	
2435	2640	Lime-Shale-Redbed	
2640	4730	Lime-Shale	

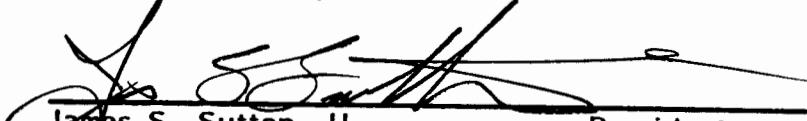
4730-TD

Ran 110jts of 15 1/2 #5 1/2"
csg set @ 4730'w/
100sks 50/50 posmix
2%gel 6 # gilsonite
3%KCL-.6% halid 322
PD @ 7:30pm 11-17-93
DV Tool @ 4025 w/
225sks 50/50 posmix
premium-2% gel-6#
gilsonite 3%KCL .6%
halid 322
PD @ 12:45am 11-18-93
RR @ 1:45am 11-18-93

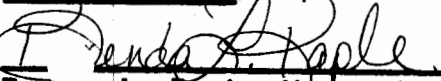
STATE OF KANSAS]
COUNTY OF SEDGWICK]

I, the undersigned, being duly sworn on oath, state
that the above Drillers' Well Log is true and correct to
the best of my knowledge and belief and according to
the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II - President

Subscribed & sworn to before
me this 23rd day of
November, 1993


Brenda L. Raple, Notary Public

My commission expires October 16, 1996.

