

ORIGINAL

SIDE TWO

Operator Name Ensign Operating Company Lease Name Reiss Well # 1-34
Sec. 34 Twp. 31S Rge. 31 ☐ East ☒ West
County Seward

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.)

Formation Description
(See Additional Sheet)

☐ Log ☒ Sample

Name	Top	Bottom
Red Bed	0	1,984'
Shale	1,984'	2,465'
Lime and Shale	2,465'	6,000'
Rotary Total Depth		6,000'

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
Conductor	32"	22"		40'	Concrete	6	
Surface	12-1/3"	8-5/8"	24#	1697'	BJ Lite Common	600 100	2% cc 1/4# 2% cc

Flow Seal

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

N/A

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

N/A

TUBING RECORD

Size Set At Packer At

Liner Run ☐ Yes ☐ No

Date of First Production Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

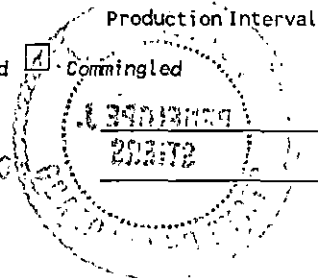
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☐ Perforation ☐ Dually Completed ☒ Other (Specify)

Production Interval

Commingled

0081 01102 32 1171 150
00808 00808 00808



ORIGINAL

GENERAL WELL INFORMATION

Operator: Ensign Operating Co.
Well Name: No. 1-34 Reiss API No. 15-175-21115
Location: C NW Sec. 34, T31S, R31W, 3960' FEL, 3860' FSL
County: Seward
State: Kansas
Field: Wildcat, Northeast Kismet No. 2 Prospect
Elevation: G.L. 2800' K.B. 2812'
Date Spudded: December 3, 1989 @ 10:30 A.M.
Date Drilling Completed: December 11, 1989 @ 7:15 P.M.
Total Depth: Driller 6000' Logger 5999'
Status: Plugged and Abandoned.

Drill Stem Tests:

DST No. 1 5480' - 5600' Atoka-Morrow
30-60-60-120

I.O. Fair blow, bottom of bucket in 20 Min.
F.O. Weak blow, 4" in bucket.
Recovery: 180' Drilling Mud, few oil specks.

H.P. 2747-2697 psi
F.P. 85-85:124-124 psi
S.I.P. 1594-1662 psi
B.H.T. 126° F

Western Testing Co., Inc. - Norman Hickie, Testor

Logging Program: DILG/SP/GR 0' - 5998'
BCD/BCN/GR/Cal 2490' - 5978'
MIGRD/GR/Cal 2490' - 5997'

Great Guns Logging, Inc. Bob Harrell, Engineer

Sample Program: 30' Samples 2450' - 3109'
20' Samples 3109' - 4978'
10' Samples 4978' - 6000'

FEB 16 1990

CONSERVATION DIVISION
Wichita, Kansas

AUG 3 1990

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

FORMATION TOPS

	G.L. 2800' K.B. 2812'	Comparison Well C S/2 S/2 34 T31S R31W K.B. 2804'	Drill Time and Samples	Wire Line Geophysical Logs
Tertiary		Surface +2793'	Surface +2800'	Surface +2800'
Permian				
Guadalupian				
Taloga	NL	537'	+2275'	532' +2280'
Day Creek	NL	856'	+1956'	858' +1954'
Whitehorse	NL	907'	+1905'	903' +1909'
Leonardian				
Nippewalla Gr.				
Blaine	NL	1042'	+1770'	1040' +1772'
Cedar Hill	NL	1166'	+1646'	1179' +1633'
Salt Plain	NL	1404'	+1408'	1402' +1410'
Sumner Gr.				
Stone Corral	1672' +1134'	1640'	+1172'	1640' +1172'
Ninnescah	1738' +1080'	1732'	+1080'	1732' +1080'
Wellington	2016' +788'	2012'	+800'	2010' +802'
Hutchinson	2230' +574'	2224'	+588'	2218' +594'
Wolfcampian				
Chase Gr.				
Herington	2648' +156'	2664'	+148'	2650' +162'
Krider	2719' +85'	2728'	+84'	2724' +88'
Winfield	2765' +39'	2773'	+39'	2766' +46'
Towanda	2810' -6'	2813'	-1'	2810' +2'
Wreford	2974' -170'	2984'	-172'	2976' -164'
Council Grove Gr.	3064' -260'	3073'	-261'	3066' -254'
Pennsylvanian				
Virgilian				
Topeka	3840' -1036'	3840'	-1028'	3842' -1030'
Douglas Gr.				
Heebner	4276' -1472'	4273'	-1461'	4269' -1457'
Toronto	4294' -1494'	4292'	-1480'	4280' -1468'
Missourian				
Lansing Gr.	4382' -1578'	4382'	-1570'	4378' -1566'
Kansas City	4618' -1802'	4614'	-1802'	4612' -1800'
Desmoinesian				
Marmaton Gr.	5008' -2204'	5004'	-2192'	5012' -2200'
Cherokee Gr.	5188' -2384'	5201'	-2839'	5198' -2386'
Atokian	5336' -2532'	5356'	-2544'	5354' -2542'
Morrowian	5504' -2700'	5510'	-2698'	5514' -2702'
Mississippian				
Meramecian				
Ste. Genevieve	5756' -2952'	5744'	-3932'	5744' -3932'
Total Depth	5996' -3192'	6000'	-3988'	5999' -3987'

RECEIVED
STATE COMMISSION
FEB 16 1990
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE COMMISSION
AUG 3 1990
CONSERVATION DIVISION
Wichita, Kansas

BJ-TITAN SERVICES COMPANY

ORIGINAL

INVOICE DATE
12/03/89

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212

PAGE	INVOICE NO.
1	ZN057

H-30 DRILLING INC
251 N WATER SUITE 10
WITCHITA

KS 67202

AUTHORIZED BY
551504

PURCH. ORDER REF. NO.

WELL NUMBER : 1-34

CUSTOMER NUMBER : 05604005

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
RIESS	14			MEDICINE LODGE	3350
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
		12/03/89	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100315	1.00	CEMENTING CASING 1500 TO 3000 FT.	879.00		879.00
10109005	66.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		72.60
10430536	1.00	8-5/8" TOP RUBBER PLUG	100.00	EA	100.00
10410504	100.00	CLASS "A" CEMENT	6.39	CF	639.00
10415005	600.00	LITE	5.69	CF	3,414.00
10415049	1244.00	A-7-P CALCIUM CHLORIDE PELLETS	0.32	LB	398.08
10422005	150.00	CELLO FLAKE,	1.27	GL	190.50
10940101	1399.20	DRAYAGE, PER TON MILE	0.70		979.44
10880001	721.00	MIXING SERVICE CHRG DRY MATERIALS, P	0.95		684.95
10409600	1.00	AF INSERT	246.00	GL	246.00
10409600	1.00	8 5/8 CENTRALIZER	57.75	GL	57.75
10409600	1.00	8 5/8 BASKET	190.00	GL	190.00
SUBTOTAL					7,851.32
DISCOUNT					2,126.46

RECEIVED
AUG 1 1990
ENSIGN OIL & GAS INC.
BJT 1/20/90
8990008
0117
cement 8 5/8 - Riess #1-34

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX	3817.38 3817.38	162.24 38.17
TAX EXEMPTION STATUS:	EST 6100	RECEIVED STATE CORPORATION COMMISSION AUG - 3 1990	RECEIVED DEC 1 8 1989
CONSERVATION DIVISION Wichita, Kansas		THIS AMOUNT	
		5,925.27	

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NJ
64
well E

BJ-TITAN SERVICES COMPANY

ORIGINAL

ORIGINAL

INVOICE DATE
12/13/89

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
13-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212

PAGE	INVOICE NO.
1	ZV140

AUTHORIZED BY
551513

PURCH. ORDER REF. NO.

H-30 DRILLING INC
251 N WATER SUITE 10
WITCHITA

KS 67202

WELL NUMBER : 1

CUSTOMER NUMBER : 05604005

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
RIESS	14			MEDICINE LODGE	3350
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE	
			12/13/89	LAND-PLUG AND ABANDON	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
0102120	1.00	CEMENTING THRU TUBING 3001 TO	879.00		879.00
0102125	4.00	PLUS. PER 100 FT BELOW 3000 FT	10.80		43.20
0109005	66.00	MILEAGE CHRG, FROM NEAREST BAS	1.10		72.60
0410504	135.00	CLASS "A" CEMENT	6.39	CF	862.65
0415018	90.00	DIAMIX F	3.31	CF	297.90
0420145	11.61	BJ-TITAN GEL, BENTONITE, BULK	6.75	GW	78.37
0940101	453.20	DRAYAGE, PER TON MILE	0.70		317.24
0880001	225.00	MIXING SERVICE CHRG DRY MATERIA	0.95		213.75
SUBTOTAL					2,764.71
DISCOUNT					552.94

RECEIVED
AUG 1 1990

ACCOUNT
EST 3500
welder 236

4.25000% STATE TAX
1.00000% COUNTY TAX

ENSLEY OIL & GAS INC.

BJT
8990821
SM

P+ A- REISS #1-34

RECEIVED
STATE CORPORATION COMMISSION

AUG - 3 1990

CONSERVATION DIVISION
Wichita, Kansas

42.12
9.91

James
NT
GI
well file

TAX EXEMPTION STATUS:

PAY THIS AMOUNT

2,263.80

State of Kansas



MIKE HAYDEN GOVERNOR
KEITH R. HENLEY CHAIRMAN
RICH KOWALEWSKI COMMISSIONER
JACK SHRIVER COMMISSIONER
JUDITH MCCONNELL EXECUTIVE DIRECTOR
FRANK A. CARO, JR. GENERAL COUNSEL

Kansas Corporation Commission

CONSERVATION DIVISION
SHARI FEIST ALBRECHT, DIRECTOR
200 Colorado Derby Bldg.
202 W. 1st Street
Wichita, KS 67202-1286
(316) 263-3238

July 26, 1990

ENSIGN OPERATING COMPANY
621 SEVENTEENTH STREET, SUITE 1800
DENVER, CO 80293

Re: API # 15 175-21,115
REISS LEASE, WELL # 1-34
100' S-C NW, Sec. 34 Twp. 31S Rge 31W

An affidavit of completion form (ACO-1) on the above-mentioned well was received on 2-16-90. Technical review finds that ACO-1 to be **incomplete**. The information requested below, or an amended/corrected complete ACO-1, must be submitted by **August 26, 1990**. Failure to complete the ACO-1 as requested will subject the operator to the assessment of a \$100 administrative penalty.

Only current ACO-1 forms will be accepted - form ACO-1 (7-89).

<input type="checkbox"/> Operator	<input type="checkbox"/> Perforations
<input type="checkbox"/> Contractor	<input type="checkbox"/> Sec. - Twn. - Rng. (E/W)
<input type="checkbox"/> Wellsite Geologist	<input type="checkbox"/> Lease Name - Well Number
<input type="checkbox"/> Purchaser	<input type="checkbox"/> Producing Formation
<input type="checkbox"/> Type of Completion	<input type="checkbox"/> Elevations - KB/G.L.
<input type="checkbox"/> Spud Date	<input type="checkbox"/> Affidavit Not Signed
<input type="checkbox"/> Date Reached TD	<input type="checkbox"/> Complete Side Two: See
<input type="checkbox"/> Completion Date	<input type="checkbox"/> highlighted area.
<input type="checkbox"/> Total Depth	<input type="checkbox"/> Need letter requesting
<input type="checkbox"/> Cement tickets confirming	<input type="checkbox"/> confidentiality.
<input type="checkbox"/> the Alt II cementing.	<input type="checkbox"/> Drillstem Test Data
<input type="checkbox"/> API Number	<input type="checkbox"/> Formation Tops
<input type="checkbox"/> ACO-1 well location and	<input checked="" type="checkbox"/> Cement tickets
<input type="checkbox"/> intent location do not	<input type="checkbox"/> Other _____
<input type="checkbox"/> match: Please confirm location	

Kansas Regulation 82-3-107 provides confidentiality, upon written request, for a period of one year. Confidentiality rights are waived if ACO-1's remain incomplete, electric logs, driller's logs, and Kansas Geological Survey requested samples are not supplied within 120 days from well spud date.

Do not hesitate to call the Kansas Corporation Commission, Conservation Division, at (316) 263-3238 if there are any questions. Please return this form with your reply.

Sincerely,

Dave Williams

Dave Williams
Production Department

cc: Compliance Officer
Production Supervisor