SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15-	175-2	21,115 ~60CO
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	County	Seward	
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	100' 5-0	NW Sec. 34 T	wp. 315 Rge. 317 X Wes
Operator: License #	3860	Ft. North	from Southeast Corner of Section
Name: Ensign Operating Company	3960	ft. West	from Southeast Corner of Section
Address 621 Seventeenth Street, Suite 1	800	(HOTE: Lo	cate well in section plat below.
Depres, 00 / 291	Lease Name		Welt #1-34
City/State/Zip Denver, CO 80293	Field Name	Unknown	<u> </u>
Purchaser: None	1	ormation <u>Nor</u>	
Operator Contact Person: Larry Hartnett		•	KBKB
Phone (303) 293-9999	Total Depth	6,000'	PBTD <u>N/A</u>
——————————————————————————————————————			5280 4950 4620
License: 5107	SION		4290 3960
Wellsite Geologist: Duane E. Moredock	THE THINK COMMISSION	***************************************	3630
Designate Type of Completion	150 S		2970
X New Well Re-Entry Workover	10 20 20 20 20 20 20 20 20 20 20 20 20 20	Rec	2310 1980 1850
Oil SWD Temp. Abd. Gas Inj Delayed Comp. X Dry Other (Core, Water Supply, etc.) If Owno: old well info as follows:		€ 23 T T T T T T T T T T T T T T T T T T	1320
X Dry Other (Core, Water Supply, Etc.)	TE THE COM	Signal Si	660 330 7 T
If OMEO: old well info as follows: Operator:	G 3 1990	25.00.00.00.00.00.00.00.00.00.00.00.00.00	
Well Name:	· ·	1	
Comp. DateOld Total Depth	Mulitiple St	พ่ age Cementing Colla	r Used? YesX_ N
Drilling Method:			N/A Fee
X Mud Rotary Air Rotary Cable	If Alternat	e II completion, ce	ment circulated fromN/A
12-3-89 T2-11-89 N/A Completion Date	feet depth	to	W/ sx cont
IMSTRUCTIONS: This form shall be completed in triplicate a Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with a conversion of a well requires filing of ACO-2 within 120 days	and filed with s of the spud be held confi 107 for confi this form. A all temporaril	the Kansas Corpora date of any well. dential for a perio dentiality in exces LL CEMENTING TICKET y abandoned wells.	Rule 82-3-130, 82-3-107 and of 12 months if requested in s of 12 months. One copy of all S MUST BE ATTACHED. Submit CP 4 Any recompletion, workover or
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to			industry have been fully complie
Signature Jam Hallett		•	. OFFICE USE ONLY
Title Drilling Operations Manager Date	2/14/90	C Wireli	ne Log Received
Subscribed and subtraction me this 14 day of Feb	ruary,	L	ers Timelog Received
Notary PURISEINPE Danelose 1		KCC KCC	Distribution SWD/RepNGPA
OTIEDS /	001	KG\$	PlugOther (Specify)
Date Commission expires October 21, 1 621 17th St. Suite 1800	331		
Denver, Colorado 80293		Fo	orm ACO-1 (7-89)

JAMIOIRO -

SIDE TWO

Operator NameEns	sign Operati	ing Company	Lease Name	Reiss	<u>3</u>	Well #	1-34	_
	7.	East	County	Seware	:d			
Sec. <u>34</u> Twp. <u>31</u>	<u>S</u> Rge. <u>31</u>	X West	* .*	-				-
interval tested, tir	ime tool open an es, bottom hole t	and base of formation and closed, flowing an temperature, fluid rec opy of log.	nd shut-in press	ssures, wheth	ther shut-in pres	essure reac	ched static level,	ί,
Drill Stem Tests Tak (Attach Additiona		Yes No		(See	Formation Description Additional		1	-
Samples Sent to Geol	logical Survey	X Yes No	r			Sample		
Cores Taken		Yes X No	Name		Тор	Botto	:om	
Electric Log Run (Submit Copy.)		⊠ _{Yes} □ No	Red Bed Shale Lime and	d Shale	. 0 1,984 2,465	41	1,984' 2,465' 6,000'	
		Ž.	i	Total Dep	•		6,000'	
·	Report a	CASING RECORD	,	sed ntermediate,	, production, et].
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 Surface	32"	22" 8-5/8"	24排	40' 1697'	Concretes: BJ Lite Common	600 100	2% cc 1/4# 1 2% cc	Flose
Shots Per Foot	 	N RECORD ge of Each Interval Pe	erforated	(Amount and	Fracture, Shot, nd Kind of Materi		queeze Record Depth	. -
	N/A			N/A				
TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐	No		
Date of First Produ	action Producin	ng Method Flowing	Pumping Ga	as Lift 🗆	Other (Explain)			
Estimated Productio Per 24 Hours	on Oil	8bls. Gas	Mcf Water	r `Bbls.	. · Gas-Oil	Ratio	Gravity	1
Disposition of Gas:		MET!	THOD OF COMPLETIC	CN		P	Production Interval	1
Vented Sold			Hole Perfor	ation D	Dually Completed	iβ ≸ .	ningled	
e ·		- 001101			————— niąka naizzimme(202172 <u> </u>	-
	•	•	į	Suite 1800	Jamasion bapar 621 17th St Depugs Color		Total Control of the	-

ORIGINAL

GENERAL WELL INFORMATION

Operator:

100

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.

ADAM ToStem Tests

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

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 Hickle, 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 Computer

Sample Program:

AUG = 3 1990

30' Samples 2450' - 3109' 20' Samples 3109' - 4978 ECEIVED 10' Samples 4978' STATOOO PORATION COMMISSION

CONSERVATION DIVISION Wichita, Kansas

FEB 1 6 1990

ORIGINAL

FORMATIO	NATORS
	The state of the s

	American de la companya de la compan	14.25	
G.L. 2800' K.B. 2812' C	Comparison Well 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	***	307 .1303	303 .1303
Nippewalla Gr.	L it	10401 (1770)	10401 117701
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'
	2765' +39'	2773' +39'	
Winfield			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'
HOT OW LATE	3504 -2700	3310 -2030	3514 -2702
Mississippian			
	1		Pa on -
Ste. Genevieve Milission	` 5756' -2952'	5744' -3932'	5744 TE 739320EIVED
Merameciano FINED Ste. Genevieve AMISSIUM STATE CONTROL OF THE STATE OF THE PROPERTY OF THE PR	3, 33		THE CHAME THE THE THE THE THE THE THE THE THE TH
Total Depth _{FEB 1 6} 1990	5996' -3192'	6000' -3988'	5999' 3987' 3 1990
PED TO DIVISION			406 - 2 1880

CONSERVATION DIVISION Wichita, Kansas

17.40

Conservatiga divisiua Windita, Kansas

BJ-TITAN SERVICES COMP Y

ORIGINAL

INVOICE DATE:

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	30_DAYS FROM	BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212

PAGE VINVOICE NO. 3

1 ZNO57

H-30 DRILLING INC 251 N WATER SUITE 10 AUTHORIZED BY

WITCHITA

KS 67202

PURCH. ORDER REF. NO.

WELL NUMBER : 1-34

CUSTOMER NUMBER : 05604005

LEASE N	AME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME .	DISTR. NO.
RIESS		14		Greation.	MEDICINE LODGE	3350
	JOB LOCATION/FIELD	E .	MTA DISTRICT		TYPE OF SERV	ICE
, ~			on the state of th	12/03/89	LAND-CONDUCTOR/	SURFACE

L	,	<u></u>			
PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	M/U	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 • 6 9	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	PRAYAGE, PER TON MILE	0.70	[.	979.44
10880001	721.00	MIXING SEVICE CHRG DRY MATERIALS, P	0.95	;	684.95
10409600	1.00	AF INSERT	246.00	GL	246。00
10409600	1.00	9 5/8 CENTRALIZER CHETTIVIETI	57.475	GL	57.75
10409600	1.00	8 5/8 BASKET DESTRUCTION	190.00	GL	190.00
·	,	BJT 1/20/2011 AUG 1 1990 11. 8990008 ENSIGN OIL & GAS INC. 0117 cement 8918 - Revsot 1-34	SUBTOTAL DISCOUNT		7 ₉ 851 ₀ 32 2 ₉ 126•46
ACCOUNT			7017.20	<u> </u>	142.54
	1.0	5000% STATE TAX 0000% COUNTY TAX	3817.38 3817.38		162.24 38.17
		RECEIVED RECEIVED STATE CORPORATION COMMISSION DEC 1 8 1989 AUG - 3 1990	in the land		James NJ GY_
PST 610	00				USOOD FI
TAX EXEMPTION ST	TATUS: ;·	Wichita, Kansus THIS AMOUNT	. .	>	. 5,925.27

BJ-TITAN SERVICES COMPA

ORIGINAL

ORIGINAL

INVOICE DATE 12/13/89

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	BO_DAYS FROM	BU-TITAN SERVICES Paga BOX 100806 HOUSTON, TX 77212

PAGE INVOICE NO.

1 ZV140

AUTHORIZED BY 5.51513

551513

PURCH. ORDER REF. NO.

H-30 DRILLING INC

251 N WATER

SUITE 10

WITCHITA

KS 67202 -

WELL NUMBER : 1

CUSTOMER NUMBER : 05604005

LEASE NAM	ME AND NUMBER '	STATE	CC	UNTY/PARISH	,	CITY	DISTRICT NAME	DISTR. NO.
RIESS	•	14					MEDICINE LODGE	3350
	JOB LOCATION/FIEL	D		MTA DISTRIC	*	DATE OF JOB	TYPE OF SERV	/ICE
)	•	•			12/13/89	LAND-PLUG AND AP	ANDON

					
PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	и/м	EXTENDED PRICE
0102120	1,000	EMENTING THRU TUBING 3001 TC	879.00		879.00
0102125	4.00	LUS PER 100 FT BELOW 3000 FT	10,50	1	43.20
0109005	66.00	TILEAGE CHRG, FROM NEAREST BAS	1.10		72.60
0410504	135.00	CLASS "A" CEMENT	6+39	ĊF]	362 , 65
0415018	90.00	DIAMIX F	3, • 3, 1	CF	297.90
0420145	ll•61	BU-TITAN GEL, BENTONITE, BULK	6.75	ew	78.37
0940101	4.53 • 20	PRAYAGE, PER TON MILE	0,,70	} }	317.24
0380001	225.00	MIXING SEVICE CHRG DRY MATERIA	0 🕳 95		213.75
		5012161216	SUBTOTAL		2,764,71
ACCOUNT	4.2	5000% STATE TAX 0000% COUNTY TAX ENSYMP OIL & GAS INC.	991.14 991.14	, + +	42 6 12 9 6 9 1
EST 356 welder	20 236	P+ A- RUSS ±1-34 CONSE	3 1990) _N	vanes NT- Well The
TAX EXEMPTION ST	ATUS:	PAY THIS AMOUNT W	chita <u>. Kansas</u>		2,263.80

State of Kansas

Kansas Corporation Commission

MIKE HAYDEN
KEITH R. HENLEY
RICH KOWALEWSKI
JACK SHRIVER
JUDITH MCCONNELL
FRANK A. CARO, JR.

GOVERNOR
CHAIRMAN
COMMISSIONER
COMMISSIONER
EXECUTIVE DIRECTOR

GENERAL COUNSEL

July 26, 1990

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

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

Re:

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

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

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