

FORM MUST BE TYPED

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

SIDE ONE

21550

COPY

API NO. 15- 055-22550

County Finney

Operator: License # 31594

Name: Sonat Exploration Company

Address 14000 Quail Springs Parkway, #100

City/State/Zip Oklahoma City, OK 73134

Purchaser

Operator Contact Person : Jerry Ledlow

Phone (405) 749-5356

Contractor : Name : Abercrombie RTD, Inc

License : 30684

Wellsite Geologist :

Designate Type of Completion

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

If Workover :

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. D-27399

4/19/97 5/1/97 5/27/97

Spud Date Date Reached TD Completion Date

S - NW - NW - SW Sec. 20 Twp. 22S Rge. 34 E
2130 FSL Feet from S (circle one) Line of Section

175 FWL Feet from E (circle one) Line of Section

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

Lease Name Barrett SWD Well # 1

Field Name Amazon Ditch

DISPOSAL

Producing Formation Arbuckle

Elevation : Ground 2976 KB 2981

Total Depth 5850 PBTD 5809

Amount of Surface Pipe Set and Cemented at 1835 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.

Drilling Fluid Management Plan ALT 1 07/12-5-97
(Data must be collected from the Reserve Pit)

Chloride content 3800 ppm Fluid volume 1180 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S/N Rng. E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 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 *J. C. Morris*

J. C. Morris

Title Drilling Superintendent

Date 6/3/97

Subscribed and sworn to before me this 3rd day of

June

1997
Mary Public

Date Commission Expires

Leanne Lyon 4-28-2001

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 04 1997

K.C.C. OFFICE USE ONLY					
<input type="checkbox"/> F	Letter of Confidentiality Attached				
<input type="checkbox"/> C	Wireline Log Received				
<input type="checkbox"/> C	Geologist Report Received				
Distribution					
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep				
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug				
NGPA Other (Specify)					

Form ACO-1 (7-91)

Y902

Operator Name: Sonat Exploration Company

SIDE TWO

24520

Lease Name: Barrett SWD

Well # 1

Sec. 20 Twp. 22S Rge. 34

 East West

County: Finney

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 Test Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation(Top), Depth and Datums	<input type="checkbox"/> Sample																								
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<table border="1"> <tr><td>Name</td><td>Top</td><td>Datum</td></tr> <tr><td>Chase</td><td>2485</td><td>496</td></tr> <tr><td>Heebner</td><td>3741</td><td>-760</td></tr> <tr><td>Marmarion</td><td>4271</td><td>-1290</td></tr> <tr><td>Morrow</td><td>4613</td><td>-1632</td></tr> <tr><td>Mississippi</td><td>4668</td><td>-1687</td></tr> <tr><td>Warsaw</td><td>4952</td><td>-1971</td></tr> <tr><td>Arbuckle</td><td>5518</td><td>-2537</td></tr> </table>			Name	Top	Datum	Chase	2485	496	Heebner	3741	-760	Marmarion	4271	-1290	Morrow	4613	-1632	Mississippi	4668	-1687	Warsaw	4952	-1971	Arbuckle	5518	-2537
Name	Top	Datum																										
Chase	2485	496																										
Heebner	3741	-760																										
Marmarion	4271	-1290																										
Morrow	4613	-1632																										
Mississippi	4668	-1687																										
Warsaw	4952	-1971																										
Arbuckle	5518	-2537																										
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																											
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																											
List All E. Logs Run: Borehole Compensated Sonic Gamma Ray - Caliper																												

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.						
Purpose of Setting	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used
Surface	12 1/4"	8 5/8"	24#	1835	65/35 Poz A	700
Production	7 7/8"	5 1/2"	17#	5850	50/50 Poz H	745

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: Perforate Protect Casing Plug Back TD Plug Off zone	Depth Top Bottom	Type of cement	#Sacks Used	Type and Percent Additives

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	5608-23, 5636-44, 5650-54	Acidized w/4000 gal 15% HCL		5608-5700
4	5656-62, 5684-88, 5690-95, 5698-5700			

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	5572	5572		

Date of First, Resumed Production, SWD or Inj. Pending Temp. Disp. Auth.	Producing Method	Disposal
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift	<input checked="" type="checkbox"/> Other (Explain)

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

Disposition of Gas:	METHOD OF COMPLETION			Production Interval	5608-5700
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Perf.	<input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled		
	<input type="checkbox"/> Other (Specify)				