

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

Operator: License # 31594Name: Sonat Exploration CompanyAddress 14000 Quail Springs Parkway, #100City/State/Zip Oklahoma City, OK 73134

Purchaser _____

Operator Contact Person : Jerry LedlowPhone (405) 749-5356Contractor : Name : Abercrombie RTD, IncLicense : 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 ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☒ Other(SWD or Inj?) ☐ Docket No. D-273994/19/97 5/1/97 5/27/97

Spud Date Date Reached TD Completion Date

API NO. 15- 055-22550 ²¹⁵⁵⁰ **COPY**County FinneyS - NW - NW - SW Sec. 20 Twp. 22S Rge. 34 ☒ E ☒ W2130 FSL Feet from SW (circle one) Line of Section175 FWL Feet from SW (circle one) Line of SectionFootages Calculated from nearest Outside Section Corner:
NE, SE, NW of SW (circle one)Lease Name Barrett SWD Well # 1Field Name Amazon Ditch**DISPOSAL**~~Producing~~ Formation ArbuckleElevation : Ground 2976 KB 2981Total Depth 5850 PBDT 5809Amount of Surface Pipe Set and Cemented at 1835 FeetMultiple 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 02 12-5-97
(Data must be collected from the Reserve Pit)Chloride content 3800 ppm Fluid volume 1180 bblsDewatering 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. MorrisTitle Drilling Superintendent Date 6/3/97Subscribed and sworn to before me this 3rd day of June19 97Notary Public Suzanne LyonDate Commission Expires 4-28-2001

KANSAS CORPORATION COMMISSION

JUN 04 1997

CONSERVATION DIVISION

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality AttachedC ☐ Wireline Log ReceivedC ☐ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep☐ KGS ☐ Plug☒ NGPA☐ Other (Specify)

Form ACO-1 (7-91)

24520

SIDE TWO

Operator Name Sarat Exploration CompanyLease Name Barrett SWDWell # 1☐ EastCounty FinneySec. 20 Twp. 22S Rge. 34☒ 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 Test Taken ☐ Yes ☒ No
 (Attach Additional Sheets.)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

 List All E. Logs Run:
 Borehole Compensated Sonic Gamma Ray - Caliper

☒ Log Formation(Top), Depth and Datums ☐ Sample

Name	Top	Datum
Chase	2485	496
Heebner	3741	-760
Marmarton	4271	-1290
Morrow	4613	-1632
Mississippi	4668	-1687
Warsaw	4952	-1971
Arbuckle	5518	-2537

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#	1835	65/35 Poz A	700	6% gal 8% CaCl ₂
Production	7 7/8"	5 1/2"	17#	5850	50/50 Poz H	745	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of cement	#Sacks Used	Type and Percent Additives
Perforate				
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	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

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)
☐ Open Hole☒ Perf.☐ Dually Comp.☐ Commingled☐ Other (Specify)