

ORIGINAL SIDE-ONE

JAN 29 1991

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

API NO. 15- 185-22,637 FROM CONFIDENTIAL

County Stafford
50' W of _____ East
SE NE NW Sec. 3 Twp. 21S Rge. 11 West

Operator: License # 9482

4290 Ft. North from Southeast Corner of Section

Name: National Petroleum Reserves, Inc

3020 Ft. West from Southeast Corner of Section

Address 250 N. Rock Rd., Suite 340

(NOTE: Locate well in section plat below.)

City/State/Zip Wichita, KS 67206

Lease Name Snider 'A' Well # 1

Field Name Snider

Producing Formation Simpson Sand

Purchaser: _____

Elevation: Ground 1770' KB 1775'

Operator Contact Person: Ted C. Bredehoft

Total Depth 3425' PBD _____

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Howell Crenshaw

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Repl. Comp.

Dry Other (Core, Water Supply, etc.)

If ~~OWO~~ old well info as follows:

Operator: _____

Well Name: _____

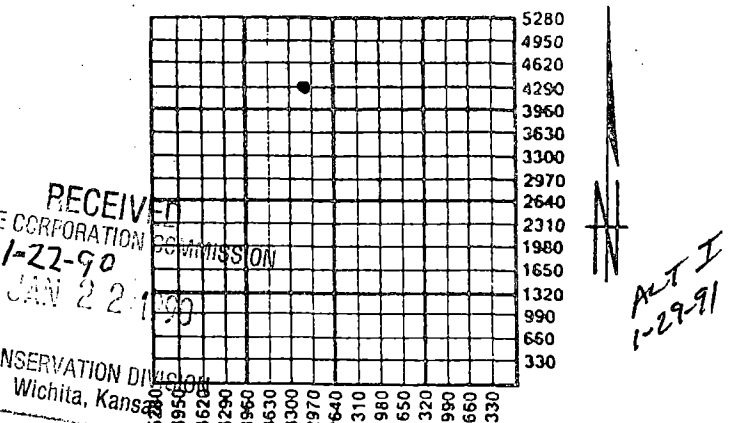
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

12/20/89 12/29/89 1/12/90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 298 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.

RECEIVED
STATE CORPORATION COMMISSION
1-22-90
JAN 22 1991
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
CONSERVATION DIVISION
Wichita, Kansas

ART I
1-29-91

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

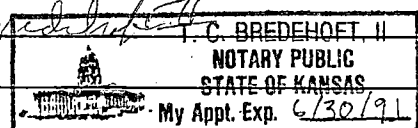
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title Pres/Treas. Date 1/19/90

Subscribed and sworn to before me this 19th day of January, 19 90.

Notary Public [Signature] T. C. BREDEHOFT, II

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name National Petroleum Reserves, Inc Lease Name Snider 'A' Well # 1
 Sec. 2 Twp. 21S Rge. 11 East West County Stafford

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.)
 DST #1(3330-3361) Simpson Sand; 25-10-10-0;
 1st open-weak blow died 7 minutes; 2nd
 open-no blow, flush tool; recovery: 50'
 drilling mud, show free oil top tool;
 IFP 54-64; FFP 64-64; ISIP-100; FSIP-0;
 BHT 108°.
 (See attached)

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 JAN 29 1991

FROM CONFIDENTIAL

Formation Description	
Name	Top
<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample	
Heebner	2947 -1168
Toronto	2965 -1186
Douglas	2980 -1201
Brown Lime	3074 -1295
Lansing	3093 -1314
First sand ^{SP}	3353 -1573
Simpson sand	3362 -1583
Arbuckle	NR (Sample top 3420 -1641)

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 casing		8 5/8"	20#	298'	40-60 POZ	185	
Prod. casing		5 1/2"	14#	3,427'	40-60 POZ	120	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	3361.5-3367.5	N/A natural	

TUBING RECORD Size 2 3/8" Set At 3,384 Packer At N/A Liner Run Yes No

Date of First Production 1/9/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 108 Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity 47.3

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____
 Production Interval _____

ORIGINAL

ACO-1 continued (National Petroleum Reserves, Inc.)

SNIDER 'A' #1

DST #2 (3331-3366); Simpson Sand; 30-30-30-30; 1st open-strong blow off bottom bucket 3½ minutes; 2nd open-strong blow off bottom bucket 5 minutes; recovery: 1,660 ft. gas in pipe, 1,140 ft gassy oil; IFP 82-282; FFP 293-393; ISIP-1045; FSIP-944; BHT 112°; gravity 47°.

RELEASED

JAN 29 1991

FROM CONFIDENTIAL

JAN 30 1990

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

JAN 22 1990

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

EMPHASIS OIL OPERATIONS

RELEASED

P. O. BOX 506

JAN 29 1991

RUSSELL, KS 67665

FROM CONFIDENTIAL

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.
250 N. Rock Rd., Suite 340
Wichita, Kansas 67206

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Snider 'A' WELL #1

LOCATION: 50' W of SE NE NW
Section 3-21S-11W
Stafford County, Kansas

LOGGERS TOTAL DEPTH: 3424'

ROTARY TOTAL DEPTH: 3425'

COMMENCED: 12/20/89

ELEVATION: 3425' K.B.

COMPLETED: 12/29/89

CASING: 8-5/8" @ 298' w/185 sks cement
5-1/2" @ 3424' w/120 sks cement

STATUS: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	186'	Shale & Lime	2600'
Shale	368'	Hebneer	2925'
Dakota Sand	388'	Shale	2945'
Red Bed	468'	Lime	3055'
Anhydrite	490'	Arbuckle	3330'
Red Bed	900'	R.T.D.	3425'

RECEIVED
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JAN 22 1990

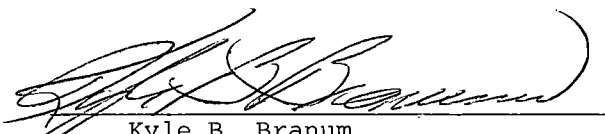
CONSERVATION DIVISION
Wichita, Kansas

JAN 30 1990

KANSAS GEOLOGICAL SURVEY

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

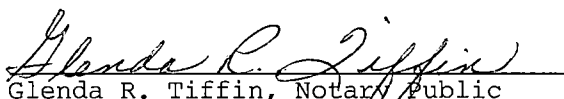


Kyle B. Branum

Subscribed and sworn to before me on January 2, 1990.

My commission expires: February 6, 1992.

GLEND A. R. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-92



Glenda R. Tiffin, Notary Public