

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOG

CONFIDENTIAL

State Geological Survey
WICHITA BRANCH

S. 25 T. 16 R. 21 E

Loc. W $\frac{1}{2}$ of SE $\frac{1}{4}$ - SE NG SW

County Miami

640 Acres
N

Locate well correctly

Elev.: JUN 7 1982

DF FROM CONFIDENTIAL KB

API No. 15 — 121 — 21,974
County Number

Operator

Scimitar Resources, Ltd.

Address

P. O. Box 211 Paola, Kansas 66071

Well No.

S-23A

Lease Name

Pflug

Footage Location

1250

feet from (N) line

1581 FSL: 2800 FEL-KCC

640

feet from (E) line

Principal Contractor

T. D. Corporation

Geologist

Jim Stegeman

Spud Date

6-20-80

Date Completed

6-26-80

Total Depth

1010'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

Koch Oil Company

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Production	6 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	10.5	1002.65	Portland A	125	4 sx Prem. Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			29 Holes =	3 $\frac{1}{2}$ Alum.	624-638
Size			2 per foot	Strip Jets	
Setting depth			11 Holes =	3 $\frac{1}{2}$ Alum.	950-955
Packer set at			2 per foot	Strip Jets	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
note: bridge plug set at 700', squirrel interval 400 gal. 15% HCL, 1 gal. ea. I-2 Inhibitor, D-1 (12 bbl)	624-638
frac sand 20/40 1000#, 10/20 5000#, 8/12 4000#, WG-1 150#,	
Breaker "D" 8#, 100 bbl wtr.	

INITIAL PRODUCTION

Date of first production 1-28-81	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 1.3 bbls. Gas MCF 2.5 bbls. Water Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Vented	Producing interval (s) Squirrel

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Scimitar Resources, Ltd.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. S-23A	Lease Name Pflug	Oil
S <u>25</u> T <u>16</u> R <u>21</u> E <u>W</u>		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Top soil and clay	0	5		
Bed rock and lime	2 3/4	7 3/4		
Lime	9	18		
Shale	1	19		
Red bed	3	22		
Shale	20	42		
Lime	16	58		
Shale	28	86		
Lime	1	87		
Shale	63	150		
Lime	2	152		
Shaley lime	16	168		
Lime	2	170		
Shale	9	179		
Lime	3	182		
Shale	16	198		
Lime	4	202		
Shale	29	231		
Lime	3	234		
Shaley Lime	10	244		
Shale	2	246		
Lime	2	248		
Shale	16	264		
Limey Shale	11	275		
Lime	16	291		
Shale Black	5	296		
Lime	22	318		
Shale Black	4	322		
Lime	6	328		
Black Shale	2	330		
Lime	6	336		
Shale	167	503		
Lime	9	512		
Shale	6	518		
Lime	4	522		
Shale	2	524		
Limey Shale	14	538		
Shale	6	544		
Limey Shale	2	546		
Lime	1	547		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Signature Title Date
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Operator Scimitar Resources, Ltd.

CONFIDENTIAL

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DESIGNATE TYPE OF COMP.: OIL, GAS, ^{AUS}
DRY HOLE, SWDW, ETC.:

Well No.

S-23A

Lease Name

Pflug

Oil _{PL}S 25 T 16 R 21 E W**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Limey Shale	2	549		
Shale	17	566		
Lime	3	569		
Shale	18	587		
Lime	1	588		
Shale	12	600		
Limey Shale	2	602		
Lime	2	604		
Shale	4	608		
Lime	1	609		
Shale	12	621		
Core	16	637		
Shale	85	722		
Coal	4	726		
Shale	49	775		
Lime	1	776		
Shale	54	830		
Limey Shale	6	836		
Shale	37	873		
Lime	5	878		
Shale	10	888		
Limey Shale	7	895		
Lime	2	897		
Shale Sandy	12	909		
Lime	5	914		
Limey Shale	12	926		
Sandy Shale	5	931		
Lime	1	932		
Shale	7	939		
Limey Shale	4	943		
Shale (Sand)	6	949		
Lime	1	950		
Shale	24	974		
Lime	1	975		
Shale	13	988		
Lime	12	1000		
Shale	1	1001		
Lime	9	1010 TD		

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Date Received

Signature

Title

Date