

COMPLETION REPORT
#1 GOETZ

- 8-2-82: Rig up cable tools. Clean out well to top of wiper plug at 3436'. Swab well dry.
- 8-3-82: Dump in 500' of salt water. Fill swab tank with salt water. Perforate the Arbuckle at 3404-07' w/2 SPF (7 holes). Swab well dry - still dry after 3 hours. Acidize down casing with 250 gallons 15% mud acid. Maximum pressure 200#, average treatment of 1/3 BPM at 200#. Instant shut in 100#, 0# in 10 minutes. Swab back on load of 64 bbls. SION.
- 8-4-82: Fluid level at 800' with 500' oil on top. Swab well to bottom. Swab test as follows:
- 9:45-10:45 15.08 bbls., 40% oil.
10:45-11:45 14 bbls., 37½% oil.
- Set wireline plug at 3190'. Load hole and pressure to 3000#. Perforate the Lansing at 3171' (1 hole) and 3154' (1 hole). Swab hole dry. Treat down casing with 1000 gallons 15% N.E. Maximum pressure 1450#, avg. treatment at 500# at 5 BPM. Instant shut down 0#, on vacuum at end of job. Shut down for heavy rain. 80 bbl. total load. SION.
- 8-5-82: Swab back on load of 80 bbls. Swab test as follows:
- | <u>Time</u> | <u>Load recovered</u> | <u>% oil</u> | <u>Bbls./Hr.</u> |
|-------------|-----------------------|--------------|------------------|
| 10:00 | 58.32 | | |
| 11:00 | 73.48 | 45 | 15.16 |
| 12:00 | 88.64 | 33 | 15.16 |
| 1:00 | 103.80 | 33 | 15.16 |
- 8-6-82: Rig down. Release cable tool rig.
- 8-11-82: Rig up Jim's Well Service. Run retrievable packer to 3000'. Pressure csg. to 1000# - all held. Run tubing to 1027' with Baker Tool and open up port collar. Mix and displace 350 SX 50/50 POZ w/6% gel through port collar. Cement circ. to surface. Shut port collar. Wash out casing of excess cement and pull tubing. Swab csg. down to 2500'. Pull retrievable packer. SION.
- 8-12-82: Run tubing and rods for production. Run 102 jts. 2 3/8" tbg. w/seating nipple & 16' mud anchor set @3170'. Run 2"x1½"x12' BHD pump then 125-3/4" rods w/6' & 8' pony rods and 16' polish rod w/liner. Space out pump. Rig down & move off.
- 8-19-82: Set tank battery & pumping unit. Lay leadline, gas line to engine, water tank hooked up. Begin pumping operations @5 p.m.

COMPLETION REPORT
#1 GOETZ
COMPLETION REPORT
PAGE TWO

(Report taken from Jim's Well Service, 8/16/82.)

Drove to location, rigged up and ran in 6 joints, rig up tool on sand line. Ran plug to 3000', pulled tool out, pressure up on casing. Ran in another tool to about 998', circulated cement around to surface. Pulled tool out, swab hole down, left 400' in. Ran in, got plug out.

Drove to location, tallied tubing in hole, 102 joints, 1' seating nipple, 16' perfs. M.A. Rigged for rods, ran 2 x 1½ x 12' BHD pump, 2' x 3/4, 125 x 3/4 rods, 6', 8' subs, 1¼ x 16' polish rod. Spaced well out and tore down. Run in tbgs. and rods.

8-20-82: Started well 5 SPM-62".
8-23-82: (1st day into stock)

	<u>BO</u>	<u>BW</u>
8-23-82:	63.46	-
8-24-82:	8.33	20 (Est)
8-25-82:	16.67	20 (Est)
8-26-82:	11.69	
8-27-82:	13.36	
8-28-82:	11.69	
8-29-82:	11.76	
8-30-82:	13.44	
8-31-82:	6.72	

Barrel Test for 8/31/82:

Stroke length = 62"
SPM = 6
Total Fluid = 87
Oil % = 8
BOPD = 7

9-1-82:	8.35	
9-2-82:	10.02	
9-3-82:	13.36	
9-4-82:	8.35	
9-5-82:	8.35	
9-6-82:	10.02	
9-7-82:	10.02	
9-8-82:	15.03	
9-9-82:	16.70	(Changed sheave from 10" to 14".)
9-10-82:	15.03	(Changed stroke from 6 to 8 per min.)

COMPLETION REPORT
#1 GOETZ
COMPLETION REPORT
PAGE THREE

BO:

9-11-82: 15.03
9-12-82: 16.07

Barrel Test for 9/12/82:

Stroke Length = 62"
SPM = 8
Total Fluid = 116
Oil % = 13
BOPD = 14

9-13-82: 13.36
9-14-82: 15.03

FINAL REPORT.

#1 GOETZ
 Location C NW SW SE Sec. 23-14-16W
 County Ellis County
 Operator AMERICAN ENERGIIES CORPORATION
 Contractor BUFFALO DRILLING CO.
 Geologist Dusty Rhoades

Surf. Casing See Below
 Prod. Casing _____
 Elevation 1883 GL KB 1888
 Spud 6/23/82 Completion _____
 Notify _____
 Ref. Well SW NW SE Sec. 23-14

6-23-82: MIRT Buffalo Drlg. Spud @5:30 p.m. 6/23/82. Set 207' 8 5/8" cemented w/140 SX common, 2% gel, 3% cc, P.D. @9:30 p.m. Cement circ. Drld. plug out @5:30 a.m.
 6-24-82: 7:00 a.m. @259' drlg.
 6-25-82: @1665'.
 6-26-82: @2195'
 6-27-82: @2821'
 6-28-82: Circ. @3175' for DST #1 3082-3175' (Tor./Lsng. A&B zn.)
 6-29-82: Pipe strap off one joint. DST #1 covers Lans. A,B,C,&D. corrected depth 3107-3200', 30-60-45-75", 1st open strg. off bottom 10", 2nd open off bottom 2". Rec.1232' GIP, 30' O Spk. GCM (15% Gas, 8% Oil, 7% Wtr, 70% M), 60' GOCM (23% gas, 9% Oil, 13% wtr, 55% M), 240' W&GCMO (Top stand 20% gas, 29% oil, 21% wtr, 30% M), (Bottom stand 26% gas, 30% Oil, 30% wtr, 14% mud) IFP 115-138, ISIP 712, FFP 161-184, FSIP 838, IH 1716, FH 1736. Temp 105°. Water chlor. 140,000 PPM, Mud chlor. 72,000PPM Circ. @3242'. Vis 49, M.W. 9.8, WL 8, Chlor. 92,000.
 6-30-82: DST #2 Arbuckle zn, 3397-3409', 30-30-30-30", Wk. bl. died in 15", No bl. 2nd open. Rec. 10' M. IF 23-23, ISIP 1043, FF 35-35, FSIP 986, IH 1920, FH 1898, Temp. 104°
 7-1-82: @3450' Waiting on tester. Vis. 43 M.W. 10, WL 14.4. Chlor. 64,000. Drilled to 3450' RTD. Rig up Great Guns and logged LTD 3448'. Attempting to run DST #3 (str) 3142-3162'.

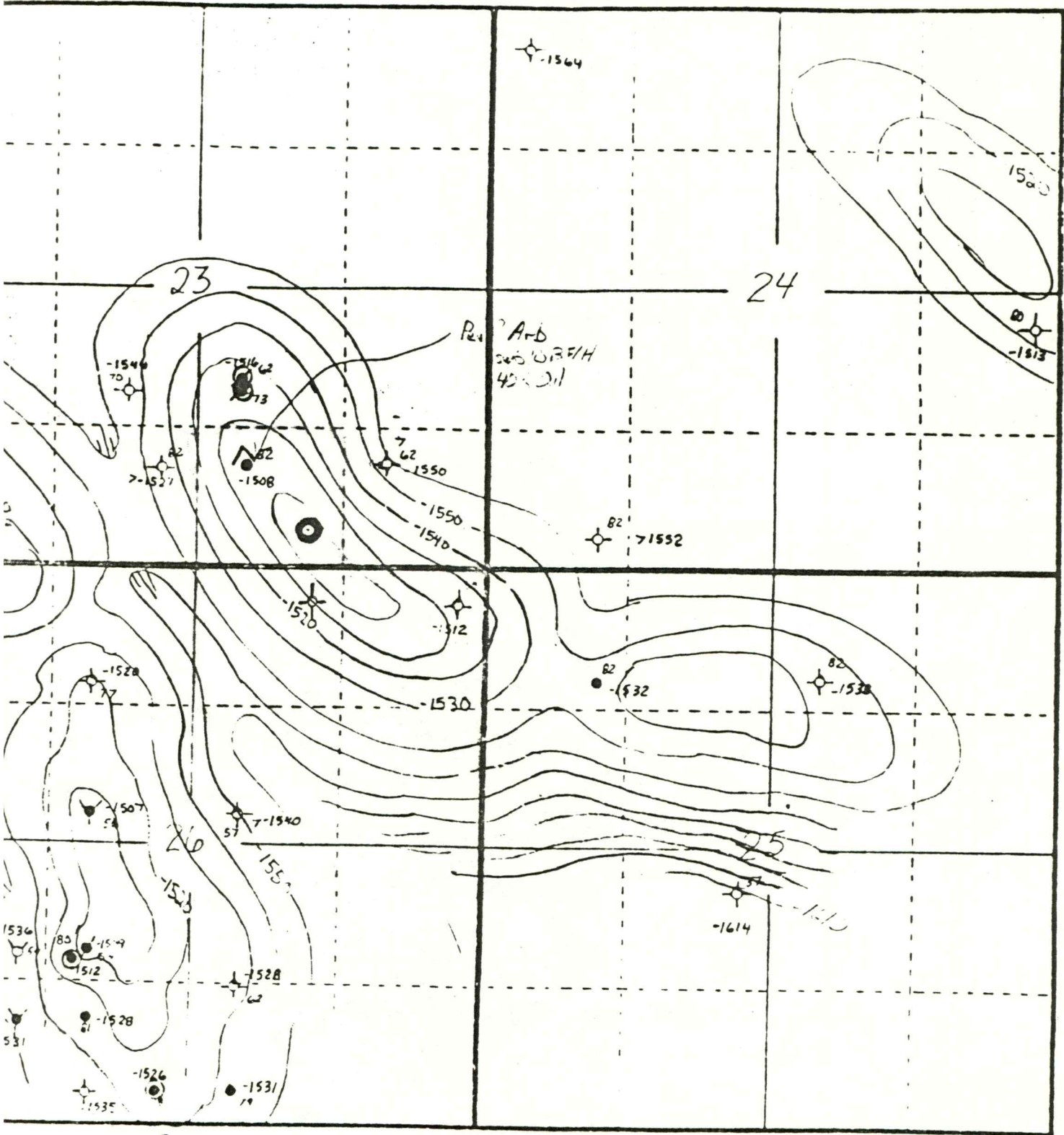
Formation	Sample Log		Compar
T/Anhyd	978	+910	+2
B/Anhyd	1011	+877	+2
Topeka	2857	-969	+5
Heebner	3081	-1193	+2
Toronto	3099	-1211	+4
Lsng.	3129	-1241	+3
B/KC	3262	-1474	+2
Cong.	3374	-1486	+3
Arb.	3405	-1517	-1
Electric Log			
Heebner	3078	-1190	+5
Lansing	3128	-1240	+4
B zone	3150	-1262	+6
C zone	3167	-1279	+8
B/KC	3362	-1474	+2
Cong.	3374	-1486	+3
Arb.	3397	-1509	+7

AMERICAN ENERGIES CORPORATION
GOETZ #1
C NW SW SE Sec. 23-14-16W
ELLIS COUNTY, KANSAS

DAILY DRILLING REPORT
PAGE TWO

- 7-2-82: DST #3 3142-3162', Missrun. Bottom packer failed. DST #4 3140-3158', Lansing B zone, 60-60-60-120", 1st open strg. bl. off bottom in 15", 2nd open off bottom in 20". Rec. 275' GIP, 205' TF, 25' GOCM, (40% G, 11% O, 10% wtr, 39% M), 60' GHOCM (24% G, 10% O, 17% wtr, 49% M), 90' GMCO (23% G, 37% O, 30% wtr, 10% M), 30' GOCMW (5% G, 10% O, 40% Wtr, 45% M). Wtr chlor. 78,000 ppm, drilling mud chlor. 79,000 ppm. No pressures recorded. Tripped in hole to condition mud. Will run DST #5, (Arbuckle) from 3397-3420'.
- 7-3-82: DST #5 3397-3420'. (Arbuckle) 30-30-30-60", 1st flow wk. blow died, 2nd flow dead, flush tool; no hlep. IF 11-11#, ISIP 11#, FF 11-11#, FSIP 1623#. Rec. 5' DM.
- 7-4-82: Ran 87 jts. 10.5# 4½" csg. Set @3448 KB. Dowell cemented w/125 SX RFC, Plug down 10:30 a.m. 7/3/82. Good return thruout cement job. Porta Collar is @987.88 KB. Centralizers are on 1, 3, 5, 7, 61 and 64 jts.

... .., County, State

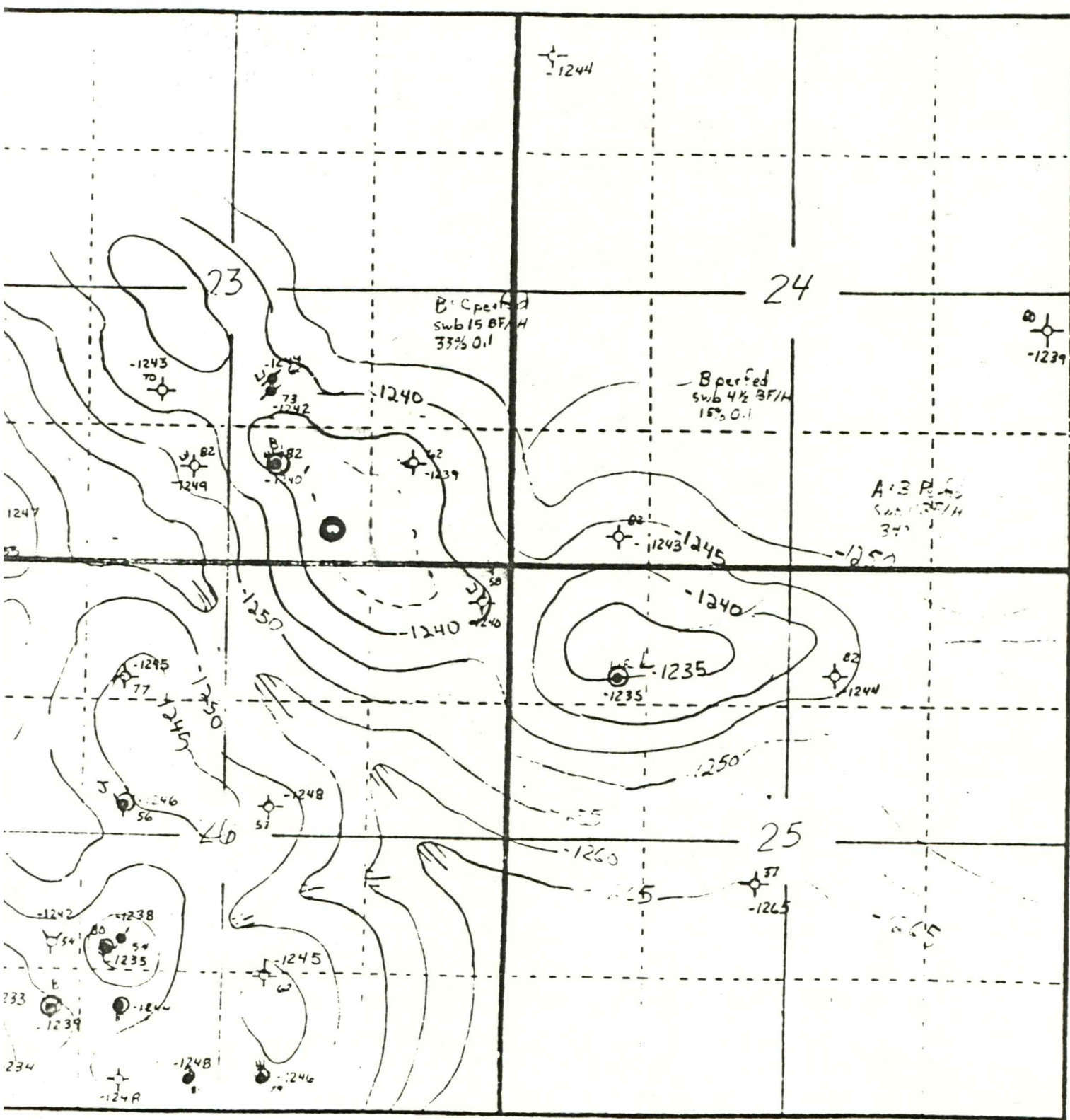


Arbuckle Structure
C.I.D.

© Arbuckle Production

Devil on East ...
... SW ...

Location _____, Range _____, County _____, State _____



Lansing Structures
 Drilling
 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300

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