

WELL REPORT

*McCoy Petroleum Corporation
Zenda Townsite Unit "A" #1-11
190' S & 100' W of NW SE SW
Section 11-30S-9W
Spivey-Grabs Field
Kingman County, Kansas
API# 15-095-21,919
Spud Date: 10-25-04*

MPC #835 (04-34)

Zenda Prospect

Contractor: Sterling Drilling Co., Rig #4.

Geologist: David Clothier

Elevations: 1668' GL 1677' KB (All measurements from KB)

10-23-04 MIRT.

10-25-04 Spud well at 10:30 AM. Drilled 12 ¼" hole to 230'. (Survey at 245' = 3/4°). Ran 5 joints of new 8-5/8" 24# surface casing. Tally = 212.32'. Set at 223' KB. Acid Services cemented with 225 sx of 60/40 pozmix with 2% gel, 3% CC and ¼#/sk flocele. Plug down at 4:00 PM. Cement did not circulate (25' down). Pumped 50 sx common through 1" to bottom of cellar. Strapped bottom 2 joints of casing and welded collars on next 3 joints.

10-26-04 TD 730'. Drilling ahead.

10-27-04 TD 1900'. Drilling ahead.

10-28-04 TD 2690'. Drilling ahead.

10-29-04 TD 3530'. Drilling ahead. Displaced mud at 3145'.

10-30-04 TD 4000'. Drilling ahead.

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10-31-04 TD 4287'. On bottom with DST #1. Deviation 1° @ 4287'.

SAMPLE TOPS	Structure compared to	
McCoy Petroleum	McCoy Petroleum	McCoy Petroleum
Zenda Townsite "A" #1-11	Schwartz "A" #4-11	Schwartz "A" #3-11
880' FSL & 1550' FWL	NW NE SW	E/2 NW NW
Sec. 11-30S-9W	Sec. 11-30S-9W	Sec. 11-30S-9W
Elev: 1677 KB	Elev: 1683 KB	Elev: 1682 KB

Heebner	3399 (-1722)	-12	-13
Lansing	3614 (-1937)	- 5	- 8
Stark Shale	3985 (-2308)	- 5	- 7
Hushpuckney	4020 (-2343)	- 9	-11
Cherokee Shale	4219 (-2542)	- 8	- 6
Mississippian	4275 (-2598)	- 3	- 8
RTD	4297 (-2620)		

Mississippian Chert 4275-4287': Drilled 1" and ½" per foot. Chert; white to tan, tripolitic and weathered. Fair to good micro-vugular porosity. Good tan stain. Fair to good fluorescence. Small pin-points of free oil. 470 unit hotwire gas kick. 48 units methane on chromatograph.

DST #1 4277-4287' (Mississippian)
Open 30", SI 60", Open 60", SI 90"
Strong blow. Gas to the surface in 5 minutes.
Gauge 171,000 CFGPD in 10" on 1st open period,
 " 200,000 CFGPD in 20" "
 " 216,000 CFGPD in 30"
Gauge 231,000 CFGPD in 10" on 2nd open period,
 " 231,000 CFGPD in 20" "
 " 222,000 CFGPD in 30" "
 " 226,000 CFGPD in 40" "
 " 226,000 CFGPD in 50" "
 " 226,000 CFGPD in 60" "
Recovered 65' of gas cut mud,
180' of gas and mud cut water. (6% gas, 28% mud, 66% wtr) 119,000 ppm.
FP 53-93# 92-113#
ISIP 1101# FSIP 1075#

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Additional Mississippian Chert 4287-4297': Drilled ½" and ¼" per foot. Chert as above. Porosity and show as above.

*DST #2 4287-4297' (Mississippian)
Open 30", SI 60", Open 60", SI 90"
Strong blow. Gas to the surface in 18 minutes.
Gauge 48,000 CFGPD in 20" on 1st open period,
" 59,000 CFGPD in 30" "
Gauge 74,000 CFGPD in 10" on 2nd open period,
" 69,000 CFGPD in 20" "
" 69,000 CFGPD in 30" "
" 69,000 CFGPD in 40" "
" 69,000 CFGPD in 50" "
" 69,000 CFGPD in 60" "
Recovered 110' of slightly oil cut watery mud, (1% oil, 67% mud, 32% wtr)
120' of slightly oil cut salt water, (1% oil, 99% wtr)
60' of salt water. (110,000 ppm chlorides)
FP 33-59# 41-89#
ISIP 1116# FSIP 1114#*

11-01-04 RTD 4297'. Trip in hole after DST #2. No open hole electric logs run. Conditioned hole. LDDP. Ran 109 joints of new 4 ½" 10.5# casing. Tally with guide shoe = 4304.55'. Shoe joint with guide shoe = 40.26'. Set casing 1' off bottom @ 4296' KB. PBTD @ 4256'. Ran centralizers on joints 1, 3, and 5. RU Acid Services. Pumped 20 bbl. salt flush, 3 bbl. water, 12 bbl. mud flush and 3 bbl water. Cemented with 125 sx of AA-2 cement with 5% Calset, 10% salt, 0.1% defoamer, 0.8% FLA-322, 5# gilsonite/sk, 0.25% CFRM and 0.75% Gasblock.. Yield 1.44 ft³/sk. Lift pressure 400#. Good circulation throughout. Landed plug with 1500#. Plug down at 6:45 PM. Plugged rathole with 15 sx and mousehole with 10 sx using 60/40 pozmix with 6% gel. Rig released at 7:45 PM. **WOCT.**

COMPLETION REPORT

11-12-04 MICT and unload 135 jts of WB 2 3/8" tubing. TIH with tubing and bit. Tagged plug at 4356'. RU power swivel and drilled out to 4293'. Circulated hole clean. TOH with tubing and bit.

11-14-04 RU Log-Tech. **Run Cement Bond Log and GR-Neutron-CCL log from 4293' PBTD up to 3300'.**

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11-15-04 RU swab. Casing swabbed down to 1900'. RU Log-Tech. **Perforated Mississippian from 4280' to 4288' (8', 4 SPF) using a 'slick' gun.** TIH with 131 jts of 2 3/8" tubing, SN and packer. Set packer @ 4209' KB. RU swab. FL 1300' FS. Made 1 pull and well kicked off flowing. Made 2nd pull and recovered 150' of fluid. Total recovery 10.5 BF. Put well through separator and gauged gas flow as follows.

<u>Time</u>	<u>Rate</u>	<u>Time</u>	<u>Rate</u>	<u>Time</u>	<u>Rate</u>
2:00 PM	260 MCF	3:00	227	4:00	200
2:15	251	3:15	219	4:15	196
2:30	245	3:30	211	4:30	193
2:45	236	3:45	211	4:45	189
				5:00	189 SI well

11-16-04 SITP 900#. RU Acid Services and **acidized with 400 gallons of 10% MIRA acid.** Hole loaded with 16.5 bbls pumped. Acid on bottom with 18 bbls pumped. Pumped acid at 1.5 BPM. Pressure increased from 700 to 925#. ISIP 600#. On vacuum in 2 minutes. RU swab.

<u>Hour</u>	<u>Recovery</u>	<u>Gas Rate</u>	<u>Comments</u>
1 st	16.25 bbls		Good blow after pulls
2 nd	3.48	101 MCF	Last run dry
3 rd	5.8	153	
4 th	0.0	129	
5 th	0.0	141	
6 th	0.0	141	SI @ 4:30

11-17-04 SITP 850#. Tried to blow down, fluid had a show of oil. RU Acid Services and **fracture treated Mississippian 7.1 BPM down 2 3/8" tubing with 8000 gallons Profrac 20 and 4,500# of 20/40 sand as follows:**

3,000 gal	Pad
1,000 gal	0.5 ppg
4,000 gal	1.0 ppg

Hole loaded at 1000#. Pressure increased to 1700# @ 7.1 BPM. Pressure increased gradually to 1900#. ISIP 850#. In 5 minutes, 85#. On vacuum in 6 mins.

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11-18-04 Tubing on vacuum. FL 1650' FS. RU swab. Made hourly test as follows.

<u>Hour</u>	<u>Recovery</u>	<u>Gas Rate</u>	<u>Comments</u>
1 st	22 bbls		FL 1800'. Good gas blow after 2 nd pull
2 nd	22		Kicked off flowing
3 rd	17.4		
4 th	15.08		
5 th	12.76	331 MCF	6% oil. Gauged thru separator
6 th	11.6	347	6% oil. Recovered 100 bbls of 220 bbl load.
7 th	10.44	362	7% oil. SI well.

11-19-04 SITP 950#. Began flowing well.

<u>Time</u>	<u>Rate</u>	<u>FTP</u>	<u>BF</u>	<u>Comments</u>
8:30	700 MCF			
9:00	700	500		
9:30	0-460	340		Well is surging
10:00	0-500	320	4 BF	Surging Choke 18/64ths.
10:30	0-500	320	3.5	7% oil
11:30	0-500	300	6.3	8% oil
12:30	0-500	260	8.12	10% oil Choke 20/64ths.
1:30	0-500	270	6.96	11% oil
2:30	0-500	240	6.96	12% oil
3:30	0-500	230	6.38	12% oil
4:30	0-500	230	6.38	12% oil SI Well.

11-22-04 Killed well with 25 bbls of KCL water. Released packer. TOH with tubing and packer. TIH with tubing, pump and rods.

11-23-04 Built pad for pumping unit.

11-29-04 Snowing, still to wet to set pumping unit.

12-02-04 Set pumping unit. Run gas line. Start up and pump for 2 hours. Gas surged to a rate of 900 MCF. SI well.

12-03-04 Waiting on pipeline connection.

12-15-04 Set two tanks and heater treater today. Have purchased ROW for gas line. Planning borehole underneath railroad for gas and water lines.

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12-16-04 Reset treater today. Plan to set separator and begin leadline installation on 12/20.

01-04-05 Tank battery is set. Well is connected to tank battery. In process of laying gas line to KGS connection. Work suspended due to ground and weather conditions.

01-21-05 Gas line complete.

01-22-05 Purged and pressure tested gas line.

01-24-05 SIP 1000#. **Put well on at 9:00 AM.**

01-25-05 Produced 205 MCF. CP 350#. Well is flowing some fluid up the backside. Plan to set BP valve today and start up pumping unit.

01-26-05 Produced 205 MCF. CP 275#. Fluid 40% oil at bleeder.

01-27-05 Produced 178 MCF and 3.34 BO. CP 250#.

01-28-05 Produced 167 MCF and 6.68 BO. CP 275#.

01-29-05 Produced 165 MCF and 5 BO. CP 225#.

01-30-05 Produced 165 MCF and 6.68 BO. CP 190#.

01-31-05 Produced 164 MCF and 3.34 BO. CP 140#.

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