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API# 15-095-21846-00-00

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NOV 24 2003

CONSERVATION DIVISION
WICHITA, KS

WELL REPORT

*McCoy Petroleum Corporation
Duckworth #3-32
50' N of NE SE
Section 32-30S-8W
Kingman County, Kansas
API #15-095-21,846*

MPC #778 (03-24)

Spud Date: 8-15-03

Contractor: Sterling Drilling Company, Rig #4

Geologist: Dave Clothier

Elevations: 1667' GL 1676' KB (All measurements from KB)

08-14-03 MIRT.

08-15-03 Spud at 5:30 AM. Drilled 12 1/4" hole to 265'. Ran 6 joints of new 8 5/8" 23# casing. Tally = 215.21'. Set at 262.21 KB. Acid Services cemented with 200 sacks of 60/40 Pozmix with 3% CC and 1/4#/sx celloflake. Plug down at 10:45 am. Cement circulated. Deviation 1 degree at 265'.

08-16-03 TD 1160'. Drilling ahead.

08-17-03 TD 2065'. Drilling ahead.

08-18-03 TD 2890'. Drilling ahead.

08-19-03 TD 3880'. Drilling ahead.

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08-20-03 TD 4180'. Drilling ahead. S&G hauled 240 bbl off of reserve pit.

08-21-03 RTD 4500'. LTD 4506'. Rosel running Dual Induction, Density/Neutron logs. On bottom with logging tools. Had logging tool problems initially. Pipe Strap: 3.89' short to board. Deviation 1 1/4° @ 4500'. Condition hole. Lay down drill pipe. Ran 111 joints of used 4 1/2", 10.5#, YB, R-3, ST&C production casing. Total tally with 0.60' guide shoe = 4508.77'. Set 2' off bottom @ 4504' LTD. Shoe joint = 30.02'. Top of shoe joint @ 4474'. Centralizers on collars 1, 3 & 5. RU Acid Services. Pumped 20 bbl salt flush, 12 bbl mud flush and 5 bbl water spacer. Cemented with 125 sacks of Premium class 'H' cement, 10% salt, 5# gilsonite/sack, 0.75% gas block, 0.8% FLA-322 and 0.1% defoamer. Yield 1.29 ft³/sk. Good circulation. Lift pressure 600#. Bump plug with 1700#. Tried 3 times but plug would not latch. Left 600# on casing. PD @ 9:45 PM. Plugged rathole with 15 sacks and mousehole with 10 sacks of 60/40 pozmix, 6% gel. Rig released @ 10:45 PM. WOCT.

SAMPLE TOPS		Structure compared to:	
McCoy Petroleum	Sunray	Sinclair Oil & Gas Company	
Duckworth #3-32	Duckworth #2	Duckworth #2	
50' N of NE SE	NW SW	C SE SE	
Sec. 32-30S-8W	Sec. 33-30S-8W	Sec. 32-30S-8W	
Elev. 1676 KB	Elev. 1622 KB	Elev. 1680 KB	

Heebner	3391 (-1716)	+4	+7
Lansing	3599 (-1924)	+6	+8
KC	3880 (-2205)	+11	+8
Stark	4036 (-2355)	+8	+4
Cherokee	4281 (-2606)	+1	-6
Miss	4362 (-2687)	+25	-7
RTD	4500		

Mississippian 4366-92' Chrt., wht.- tn. mott., some fresh, pred. withrd. to trip., fr.- gd. vug. & micro vug. por., some bleeding oil & gas, gd. fluor., gd. odor. 100+ HW (x5)

Mississippian 4392-4422' Chrt., wht.- tn.- blk., mott. to spkld., fresh to withrd., trip., GDSFO & gas bubbles, strng. odor. 100+ HW (x5)

Mississippian 4422-4500' A/A w/ decr. in show.

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ELECTRIC LOG TOPS			Structure compared to:
McCoy Petroleum	Sunray	Sinclair Oil & Gas Company	
Duckworth #3-32	Duckworth #2	Duckworth #2	
50' N of NE SE	C NW SW	C SE SE	
Sec. 32-30S-8W	Sec. 33-30S-8W	Sec. 32-30S-8W	
Elev. 1675 KB	Elev. 1660 KB	Elev. 1680 KB	

Heebner	3399 (-1724)	-4	-1
Lansing	3609 (-1934)	-4	-2
KC	3893 (-2218)	-2	-5
Stark	4041 (-2366)	-3	-7
Cherokee	4284 (-2609)	-2	-9
Miss	4366 (-2691)	+21	-11
RTD	4506		

COMPLETION REPORT

09-08-03 MICT.

09-09-03 RU LogTech. Run GR-CBL-CCL log. Good bond. Swabbed down to 3100'.
Perforated Mississippian from 4368' to 4406', 2 SPF, using HSC gun. TIH with 2
3/8" EUE tubing and packer. Set packer @ 4295'. Made 3 swab runs and recovered 3.34
BF. Gauged 175 MCFGPD. SION.

09-10-03 SITP 345#. RU Acid Services. **Acidized down tubing, 4.2 BPM, with 2500
gallons of 10% MIRA and 114 ball sealers.** Hole loaded and broke back at 1700#.
Pressure increased from 260 to 350# throughout treatment. No ball action. ISIP vacuum.
Total load 89 bbls. Ran swab. FL @ 2600'. Made hourly swab test as follows.

Hour	Barrels	Remarks
1 st	3.34	FL 2600'

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<u>Hour</u>	<u>Barrels</u>	<u>Remarks</u>
2 nd	5.01	FL 3100'
3 rd	3.34	Rlsd pkr. Lowered tbg and rake perfs. Reset pkr @ 4295'.
4 th	5.01	GS of oil. Rlsd pkr. POOH with tbg & pkr. RU csg swab.
5 th	14.19	FL 3400'
6 th	4.17	Venting 60 MCFGPD. SION

09-11-03 SICP 270#. RU Acid Services. **Fracture treated Mississippian down 4 1/2" casing at 28 BPM with 34,000 gallons of Profrac 25, 8,000# of 100 mesh, 16,500# of 20/40 sand, 16,500# of 12/20 sand and 9,000# of 12/20 AcFrac as follows:**

4,000 gal	Pad	
8,000 gal	1.0 ppg	100 mesh
1,000 gal	Pad	
3,000	1.0 ppg	20/40 brady
3,000	2.0 ppg	20/40 brady
3,000	2.5 ppg	20/40 brady
3,000	2.5 ppg	12/20 brady
3,000	3.0 ppg	12/20 brady
3,000	3.0 ppg	12/20 AcFrac
3,000	Flush	

Average pressure 300#. Maximum pressure 440#. ISIP was vacuum.

RIH with 30' slotted OPMA, SN, 137 jts 2 3/8" tubing and 10' & 6' subs. MA @ 4366' KB.

09-12-03 RIH with 1"x 12' gas anchor, 2" x 1 1/2" x 10' RWTC pump w/PA plunger & 40 rings, 2' x 3/4" sub, 173 3/4" rods, 1 1/4" x 16' polish rod and 1 1/2" x 8' polish rod liner. RD. Set 114 pumping unit and begin pumping frac load into frac tank at 4:00 PM.

09-13-03 **First Production.** 2 BO, venting 94 MCF and 108 BW. CP 260#.

09-14-03 2 BO, venting 94 MCF and 64 BW. CP 100#.

09-15-03 2 BO, venting 94 MCF and 43 BW. CP 100#. Lowered CP to 20# this morning.

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09-16-03 3 BO, venting 121 MCF and 42 BW.

09-17-03 3 BO, venting 129 MCF and 38 BW. Setting separator and free water knockout today. Will start flowline tomorrow.

09-18-03 3 BO, venting 141 MCF and 38 BW. Continuing facility installation.

09-19-03 2 BO, venting 144 MCF and 25 BW. Finishing facility installation.

09-20-03 2 BO, venting 144 MCF and 25 BW.

09-21-03 2 BO, venting 144 MCF and 22 BW.

09-22-03 2 BO, venting 144 MCF and 22 BW. Plan to have connected to sales line today or in the morning.

09-23-03 Shut In. SI 400#. Put on line.

09-24-03 Bleeding down. **Selling gas down line. Production combined with Duckworth #2.**

09-25-03 0 BO and 145 MCF.

09-26-03 2 BO and 150 MCF.

09-27-03 2 BO and 150 MCF.

09-28-03 2 BO and 150 MCF.

09-29-03 3 BO and 160 MCF.

09-30-03 2 BO and 170 MCF.

10-01-03 3 BO and 175 MCF.

10-02-03 3 BO and 180 MCF.

10-03-03 2 BO and 160 MCF.

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10-04-03 3 BO and 145 MCF.

10-05-03 2 BO and 150 MCF.

10-06-03 1 BO and 140 MCF.

10-07-03 3 BO and 140 MCF.

10-08-03 1 BO and 110 MCF. Unit down.

10-09-03 6 BO and 170 MCF.

10-10-03 3.5 BO and 180 MCF.

10-11-03 3.5 BO and 180 MCF.

10-12-03 3.5 BO and 180 MCF.

10-13-03 4.6 BO and 180 MCF.

FINAL REPORT

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API# 15-895-21846-00-00



INVOICE NO.		Subject to Correction		FIELD ORDER	
Date	8-21-03	Lease	Duckworth	Well #	3-32
Customer ID		County	Kingman	State	KS
		Depth		Formation	TP=4508 10.5pph
		Casing	4 1/2	Casing Depth	4499
				TD	4600
		Customer Representative	Dave Oller	Treater	D. Scott
				Shoe Joint	29.60
				Job Type	Longstring New Well

CHARGE

McCoy Petroleum

AFE Number

PO Number

Materials Received by

X Dave Oller

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D100	125 sk.	Premium	✓			
D203	25 sk.	60-40 por Common	✓			
221	560 Lb.	Salt fine	✓			
2243	12 Lbs	Defoamer	✓			
2312	89 Lb.	Gas Blok	✓			
2195	95 Lb.	FLA-322	✓			
2321	620 Lb.	Gilsonite	✓			
F100	3 Ea	Centrifugers 4 1/2 in	✓			
F190	1 Ea	Guide Shoe "	✓			
F190	1 Ea	L.D. Plug & Baffle "	✓			
2221	400 Lb.	Salt for flush	✓			
2302	500 gal.	mud Flush	✓			
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E107	130 sk.	Cmt Serv Chg				
E100	1 Ea	UNITS 1 way MILES 45				
E104	315 +m	TONS 1 way MILES 45				
R209	1 Ea	EA4001-4500' PUMP CHARGE				
R701	1 Ea	Cmt Head Rental 4 1/2 in				
R702	1 Ea	Csg Swivel Rental "				
Discounted Price = 5185.08						

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

TOTAL

