TD Now 3687

Schlumberger

FIELD REPORT

TYPE OF SERVICE	DATE	DISTRICT
DH/DST	08-Sep-1992	Midland

WELL OWNER: Fortson Oil Company SERVICE ORDER NUMBER: 121656

REPORTS ADDRESS:

WELL NAME & NO.: Pinnacle State #4 FIELD: LEASE:

LOCATION: S36t22sr28e COUNTY: Eddy STATE: New Mexico

☐ ONSHORE ☐ OFFSHORE ☐ INLAND WATERS ☐ WILDCAT ☐ DEVELOPMENT ☐ PRODUCTION

TEST NO. One TEST INTERVAL FROM 3600 FT TO 3659 FT = 59 FT

SURFACE DATA

DESCRIPTION	DATE	TIME OF DAY	PRESS PSIG	SURFACE CHOKE	PRESS IN-H2O
Set packers	08-SEP	13:47			
START FLOW on 1/8" hose		13:50	.4#		
opened on .4 psi.					
building quickly		13:55	4.5#		
		14:00	12#		
END FLOW & START SHUTIN		14:05	23#		
gas to surface		14:20			
END SHUTIN		15:35			
START FLOW on 1/8" hose		15:38	40#		
Changed Choke to 1/4" and		15:39			
opened to flare.			42#		
strong blow, orange flare		15:48	55#		
		15:58	72#		
		16:08	98#		
highest pressure this flow		16:28	112#		
pressure decreasing		16:38	106#		
END FLOW & START SHUTIN		16:55	100#		
END SHUTIN		19:55			
START FLOW on 1/4" choke		19:58	50#		
		20:28	100#		
pressure slowly decreasing		21:09	99#		
END FLOW & START SHUTIN		23:58	80#		
END SHUTIN	09-SEP	07:31			
Pulled Loose		07:33			

EQUIPMENT SEQUENCE

COMPONENTS	SERIAL#	OD	ID	LENGTH	DEPTH
Drill pipe 4.5"XH		4.5	3.826		
Drill collars 4.5"XH		6.25	2.25	616.6	
Circulating Sub		6.00	2.25	.76	
Circulating Sub		5.98	2.375	.96	
Drill collars		6.25	2.25	85.0	
Bit Sub		6.25	2.25	2.94	
Crossover Sub		4.72	2.50	.55	
MFE		5.75	.94	9.80	3563
Bypass		5.0	1.18	3.02	
Jars		4.75	1.875	6.80	
Safety joint		4.75	2.375	2.54	
Safety seal		4.75	1.50	4.92	
Packer		7.0	1.50	4.20	3594
Packer		7.0	1.50	6.95	3600
Perforation		5.75	3.0	11.0	
Recorder-j077		5.75	1.12	6.29	3613
X-O		6.02	3.00	.63	
Drill Collar 4.5"XH		6.25	2.25	31.06	
X-O		6.05	2.375	1.23	
Perforation		5.75	3.00	1.00	
Recorder-j2258		5.75	1.12	6.23	3654
T.D.					3659

CUSHION	LENGTH	AMOUNT	SURFACE PRESS	CUSHION TYPE	BOT. CHOKE SIZE
	ft		psi	NONE	.94

SAMPLER DATA

RECOVERY		RESISTIVITY			CHL CONTENT
CU. FT. GAS	1.4	RECOVERED WATER	@	°F	174000 PPM
C.C. OIL		RECOVERED MUD	@	°F	
C.C. WATER	700	REC. MUD FILTRATE	@	°F	PPM
C.C. MUD		PIT MUD	@	°F	
GRAVITY °API	°F	PIT MUD FILTRATE	@	°F	186000 PPM
G O R CU. FT/BBL.		SAMPLER PRESSURE 240 psig			

INSTRUMENT DATA

STRUMENT NO.	J200-2258	J200-077			
PACITY (P.S.I.G.)	2800	2800			
PTH	3654	3613			
SIDE-OUTSIDE	out	In			
OCK CAP	48 hr.	48 hr.			
MPERATURE °F	96	95			
HYD. P.S.I.G	1928	1901			
FLOW P.S.I.G.	73-118	41-92			
I P.S.I.G.	1803	1772		Field	
FLOW P.S.I.G.	78-238	47-209		Report	
S.I. P.S.I.G.	1780	1750			
FLOW P.S.I.G.	101-226	69-203			
S.I. P.S.I.G.	1774	1744			
HYD. P.S.I.G.	1922	1901			

WELL BORE DATA

FORMATION TESTED Cherry Canyon

NET PRODUCTIVE INTERVAL 33 ft EST. POROSITY %

ELEVATION 3118 ft DEPTH MEASURED FROM gl

TOTAL MEASURED DEPTH 3659 ft

O H SIZE 7.875 in

CASING SIZE 8.625"@ 553'

LINER SIZE

PERF INTERVAL FROM ft TO ft

SHOT DENSITY

TOTAL SHOTS OVER/UNDER BALANCE PRESS psi

MUD DATA

MUD TYPE Brine MUD WT 10.1 #/gal

VISCOSITY WATER LOSS CC

RESISTIVITY: OF MUD @ °F

: OF FILTRATE @ °F

CHORIDES 186000 PPM

H_2S DURING TEST none PPM

REMARKS:

Test mechanically successful. Gas to surf. 15min. into ISI. Recovered 240',1.17bbls. total. Thank you

RECOVERY DESCRIPTION

	FEET	BBLS	% OIL	% WATER	% CUSHION	% MUD	% OTHER	API GRAV	RESIST	CHL PPM
Form.Water		.44						°F	@ °F	
	90							°F	°F	174000
Drlg. Fluid		.74						°F	@ °F	
	150							°F	@ °F	189000
								°F	@ °F	
								°F	@ °F	
								°F	@ °F	
								°F	@ °F	
								°F	@ °F	
								°F	@ °F	
								°F	°F	

SERVICE ORDER NUMBER: 121656 FLOPETROL JOHNSTON ENGINEER/TECHNICIAN (PRINT) R.Cherry Jr.