

**SHELL OIL COMPANY**

**DRILLING REPORT**

FOR PERIOD ENDING

July 25, 1954

*Desert Creek #2*

WELL NO. 2

Desert Creek

(FIELD)

San Juan, Utah

(COUNTY)

Section 35

(SECTION OR LEASE)

T. 41 S., R. 23E., S. L. M.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
7-22	0	76	Location: 600' N and 600' W of SE Corner, Sec. 35, T. 41 S., R. 23E., S. L. M. <u>Elevation: 4895.5' (ground), 4907' K.B.</u> Drilled 76'. Rigged up. Drilled rathole. Spudded 13 3/4" surface hole at 4:30 P.M. Treated mud with gel.
7-23	76	425	Drilled 349'. Treated mud with gel.
7-24	425	857	Drilled 432'. 1 3/4 hours working on mud line, 1 hour working on pump. Treated mud with gel.
7-25	857	1014	Drilled 157'. Treated mud with gel. Ran 10 3/4" - 40.50#, H-40, ST&C casing. Landed at 1004' with down whirler guide shoe (Baker). Used 500 sacks construction cement, 115# slurry, displaced with 98 bbls of H <sub>2</sub> O. First 400 sacks cement treated with CaCl <sub>2</sub> . Started at 3:55 P.M. Mixing time: 25 minutes. Displaced in 20 minutes. Finished at 4:45 P.M. Halliburton cementers. Good returns. Started nipping up, cutting off pipe.

Drillers for George Noland Drlg. Co.

- J. V. Gay
- W. Woodall
- H. E. Clements

**CONDITION AT BEGINNING OF PERIOD**

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
<p>DRILL PIPE SIZES <u>4 1/2"</u></p>				

D. K. Murray

SIGNED

**DRILLING REPORT**  
FOR PERIOD ENDING

Section 35

Desert Creek  
San Juan, Utah  
(COUNTY)

August 1, 1954

T. J. S. R. 23E. S. 1. M.  
(TOWNSHIP OR RANGE)

DAY	DEPTH		REMARKS
	FROM	TO	
7-26	1014		Waiting on cement, flanging up, picked up B. O. E., hooked up hydril lines.
7-27	1014		16 hours waiting on cement, drilled mousehole, worked on B. O. E. Tested B. O. E. and casing with 700# for 30 minutes, both held O. K. 2-1/2 hours working on front engine.
7-28	1014	1084	Drilled 70'. 10-1/2 hours working on front engine; installed new oil seal. Found shoe at + 1008', drilled out at 10:10 A.M. Drilled to 1014', ran 500# maximum pressure test, slowly bled off to 0# after 20 minutes. Pressured up to 200#, bled back slowly to 125#, held for 30 minutes, 11 hours waiting on orders. Treated mud with quebracho and caustic.
7-29	1084	1185	Drilled 101'. 7 hours circulating up samples and waiting on Johnston tester. 1 hour making up Johnston tool, 1 hour breaking down and loading up tool. DST #1, 1004-1110, Johnston Tester. Used single 8" open hole packer at 998, three outside pressure recorders, 3/4" subsurface bean, 1" surface bean, perforations 998-1018 and 1079-1110, anchor to 1110, no water cushion. Opened valve (dropped bar) at 11:05 A.M. Tool open 1 hour 30 minutes, shut in 1 hour 10 minutes. Strong steady blow for 10 minutes, gradually decreasing to weak to very weak, dead at end of 30 minutes. 30' (2.8 barrels) fluid loss in annulus. Recovered 1000' (13.1 barrels) (net rise 970', 10.3 barrels) Watery mud and muddy water, no gas to surface, no gas in recovered fluid; salinity 825 ppm NaCl(T), 8.8 (top) to 8.6 (bottom) lbs per gallon. Mud before test 9.4 lbs per gallon, 825 ppm. IFF=360, FFP=430, SIP = 480 (stabilized immediately), HP=510.
7-30	1185	1425	Drilled 240'. Treated mud with quebracho and caustic.
7-31	1425	1549	Drilled 124'. 1 hour working on mud line. 3-1/2 hours working and circulating around stuck drill pipe at 1549' - stuck at 7:15 P.M. Jetted shale pit. Treated mud with quebracho, caustic, and gel.
8-1	1549	1549	Drilled 0'. 24 hours working and circulating around stuck pipe. Treated mud with caustic, quebracho, and gel.

Checked B. O. E. daily.

Mud Summary

Wt. 9.0-10#/gal. Cake 2/32"  
Vis. 38-107 sec. Sal. 400 ppm.  
W.L. 8.0-8.6 cc. pH 9.5

Drillers for Geo. Noland, Contractor

- M. W. Barbee
- H. E. Clements
- J. V. Gay
- W. Woodall

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13-3/4"	0	1014	10-3/4"	1004'
DRILL PIPE 1-1/2" - 16.6#				

**DRILLING REPORT**

FOR PERIOD ENDING

August 8, 1954

Section 35

(SECTION OR LEASE)

T. 41S., R. 23E., S. 10M.

(TOWNSHIP OR RANCHO)

Desert Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-2	1549	1549	Drilled 0'. 4 hours working stuck pipe. 2 hours running free point and backing off. 1 hour circulating. 1 hour pulling 12 stands of drill pipe and 1 drill collar. 8 hours fishing. Went in hole with wash-over pipe, 8 joints, and started washing-over at 2:00 P.M. 8 hours washing-over 240' of drill collars and circulating.
8-3	1549	1570	Drilled 21'. 19-1/4 hours fishing (recovered second try) and laying down wash-over pipe. Began drilling ahead at 7:15 P.M. Treated mud with quebracho, caustic, and gel.
8-4	1570	1854	Drilled 284'. Treated mud with caustic, quebracho, and gel.
8-5	1854	2170	Drilled 316'. Tight hole from +1600 - +1000' when pulling out at 1915' to change bit. Hit tight spot at +1400' when going back in hole, then went to bottom after 30 minutes washing. Jetted pits. Treated mud with caustic, quebracho, and gel.
8-6	2170	2460	Drilled 290'. 1-1/2 hours working on #1 and #2 pumps. Jetted shale pits. Treated mud with caustic, quebracho, and gel.
8-7	2460	2772	Drilled 312'. 1 hour circulating up samples. Jetted shale pits. Treated mud with caustic, quebracho, and gel.
8-8	2772	2981	Drilled 209'. 1/2 hour reaming to bottom to 2803'. 1 hour servicing motors. Treated mud with caustic, quebracho, and gel.

B.O.E. checked daily.

Mud Summary:  
 W. 9.0-9.8 #/gal.  
 V. 42 - 84 sec.  
 W.L. 4.0 - 8.8 cc.  
 Ck. 2/32"  
 Sal. 400 - 425 ppm. NaCl  
 pH 9.0 - 10.5  
 Gel. 6  
 Sd. 1 - 1-1/4 %

Drillers For G. Noland, Contractor

H. E. Clements  
 J. V. Gay  
 M. W. Barbee

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13-3/4"	0	1014	10-3/4	1004'
7-7/8	1014	1549		
DRILL PIPE SIZES 11-1/2" - 16.6#				

D. K. Murray

SIGNED

Desert Creek  
(FIELD)  
San Juan, Utah  
(COUNTY)

**DRILLING REPORT**  
FOR PERIOD BEING

August 15, 1951

Section 35  
(SECTION ON WHICH)  
T. 11 S., R. 23 E., S. 1. M.  
(TOWNSHIP ON WHICH)

DAY	DEPTH		REMARKS	
	FROM	TO		
8-9	2981	3167	Drilled 186'. Washed to bottom (3028). Jetted shale pits. Treated mud with caustic, quebracho, and gel.	
8-10	3167	3355	Drilled 188'. Treated mud with caustic, quebracho and gel.	
8-11	3355	3516	Drilled 161'. Changed over to lime-base mud. Worked tight hole when pulling from 3505 to change bits - reamed from 3475-3505. Treated mud with caustic, quebracho, gel, starch, and lime.	
8-12	3516	3667	Drilled 151'. 1 hour packing water pump and installing new radiophone antenna. 3 hours reaming to bottom (to 3622). Treated mud with caustic, quebracho, gel, starch, and lime.	
8-13	3667	3754	Drilled 87'. 1 hour working on stand pipe. 8 1/2 hours wait on welder and work on mud lines. Treated mud with caustic, quebracho, gel, lime and starch.	
8-14	3754	3906	Drilled 152'. 2 hours servicing rig. Treated mud with caustic, starch, quebracho and lime.	
8-15	3906	3989	Drilled 83'. 4 1/2 hours trip, reaming, jet shale pit, service rig, 1 hour working bit and pulling out of hole. 8 hours fishing for 3 bit cones. Treated mud with caustic, starch, quebracho, lime and gel.	
			Checked B. O. E. daily Drillers for Geo. Noland, Contractor	
			M. W. Barbee H. E. Clemens J. V. Gay	
			Mud Summary Wt. 94-10.0#/gal. Vis. 42-65 sec. W.L. 6.8-9.2 cc/15 min. Ck. 2/32" Sal. 400-500 ppm NaCl pH 10.5 - 13 Gel 0 Sd. 1 1/4 - 2 1/4%	
CONDITION AT END OF PERIOD				
WELL			GAINING CASE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014	10 3/4	1004
7 7/8	1014	2981		
WELL SIZE 4 1/2" - 16.6#				

DAY	DEPTHS		REMARKS
	FROM	TO	
8-16	3989	3989	Drilled 0'. 8 hours fishing for junk, 4 1/2 hours circulating, conditioning hole and pulling out. 3 1/2 hours running in drill collars and 10 stands of pipe. Pipe stuck at 1451'. 8 hours working stuck pipe. Treated mud with caustic, starch, lime and gel.
8-17	3989	3989	Drilled 0'. 7 hours working stuck pipe, 1 hour rigging up to run free point. Fishing string consisted of 977' of 4 1/2" O.D. drill pipe. 445' 6 1/4" O.D. drill collars. Went in hole with Homco free point indicator at 6:30 AM, found free point at 1051'. Went in hole with Homco string shot, 150 grain, to 1049'. No results. Went in hole with No. 2, 150 grain, at 1049' in 6 1/4" O.D. drill collars. No results. Backed off and came out of hole with 2 drill collars. Homco released at 10:30 AM. 4 hours running free point. 1 hour picking up Homco Gas Jars and going in hole. 11 hours working stuck pipe with Homco Gas Jars. Put 1 valve seat in pump. Treated mud with gel.
8-18	3989	3989	Drilled 0'. 2 hours working stuck pipe with Homco jars. 1 hour backing off and coming out of hole laying down Homco jars. 2 hours picking up 7 joints of wash pipe and going in the hole. 2 hours trying to get over fish. Bottom of fish: 1451'. 1 hour coming out of hole with wash pipe and waiting for shooting truck. 8 hours waiting on 7 5/8" wash over pipe and washing over 1 drill collar. 8 hours washing over 1 drill collar and fishing for 13 drill collars. Mud treated with gel.
8-19	3989	3989	Drilled 0'. 2 hours running free point and backing off. 1 hour coming out of hole with 2 drill collars and laying down 2 joints 7 5/8" wash pipe. 3 hours going in hole with wash pipe and working over fish. 6 1/2 hours washing over 7 drill collars. 1 1/2 hours coming out of hole, standing back wash pipe, picking up Homco jars, and going in hole. 3 hours screwing into drill collars and working stuck pipe with Homco jars. 4 hours running free point and backing off with 1 drill collar. 3 hours pulling out and picking up 7 joints of wash over pipe. Top of fish at 1096'. Wash pipe was 7 5/8" O.D. and 6 5/16" ID Hydril flush pipe. Treated mud with gel.
8-20	3989	3989	Drilled 0'. 1 hour going in hole with wash pipe, 5 hours washing over 7 drill collars, 1 hour circulating and mixing mud, 1 hour coming out of hole with wash pipe and going in hole to screw into drill collars, 2 hours backing off 7 drill collars and pulling out of hole, 6 hours going in with wash pipe and washing over remaining 3 drill collars. Top of fish fell to 2700'. 4 hours going in hole to fish for 3 drill collars screwing into fish with spear sub, and pulling fish out of hole. 4 hours laying down wash-over pipe, breaking down Homco jars, running in drill collars and 5 joints of pipe, and mixing mud. Ran in junk basket with bit. Mud treated with gel, caustic, quebracho, and starch.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014'	10 3/4"	1004'
7 7/8"	1014'	3989		
DRILL PIPE SIZES			16.6#	

J. Richard Anklam

SIGNED

Desert Creek  
 (FIELD)  
 San Juan, Utah  
 (COUNTY)

**DRILLING REPORT**  
 FOR PERIOD ENDING  
 August 22, 1954

Section 35  
 (SECTION OR LEASE)  
 T. 41 S., R. 23 E., S1E&M  
 (TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-21	3989	4013	Drilled 24'. 3 1/2 hours mixing mud. 8 1/2 hours going in hole, reaming and washing tight hole. Bridge at 2600'. 1 hour finish going in hole and circulating over junk. 4 1/2 hours drilling with bit #21. 4 hours tripping. O.K. at 2600', bridge at 3760'. 1/2 hour reaming. 2 hours drilling with bit #22. Reed junk basket used with bits #21 and #22. Treated mud with caustic, quebracho, lime, starch, and gel.
8-22	4013	4120	Drilled 107'. Jetted shale pits. B.O.E. checked - O.K. Treated mud with caustic, quebracho, lime, starch, and gel.
			<p>Mud Summary</p> <p>Weight: 718 - 10.0 #/gal.</p> <p>Viscosity: 48 - 140 sec.</p> <p>Water Loss: 4.6 - 8.0 cc.</p> <p>Cake: 2/32"</p> <p>Salinity: 425 ppm.</p> <p>pH: 13.0</p> <p><u>Drillers for Geo. Noland, Contractor</u></p> <p>H. E. Clements                      J. V. Gay                      M. W. Barbee</p>

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014	10 3/4"	1004'
7 7/8	1014	3989		
DRILL PIPE SIZES			1 1/2" - 16.6#	

J. R. Anklaan - D. K. Murray  
 SIGNED

**SHELL OIL COMPANY**

WELL NO. 2

Desert Creek  
(FIELD)  
San Juan, Utah  
(COUNTY)

**DRILLING REPORT**  
FOR PERIOD ENDING  
August 29, 1954

Section 35  
(SECTION OR LEASE)  
T. 41S., R. 23E., S. 1. M.  
(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-23	4120	4240	Drilled 120'. 1 hour working on mud line. BOE checked, O.K. Treated mud with caustic, quebracho, lime, starch, and gel.
8-24	4240	4357	Drilled 117'. 1 hour changing oil in both motors. 1 1/2 hour cutting off 150' of drilling line. 1 hour working on mud line. Treated mud with caustic, quebracho, lime, starch, and gel.
8-25	4357	4446	Drilled 89'. 2 hours waiting on orders and circulating up sample. 1/2 hour working on pumps. BOE checked, O.K. Jetted shale pits. Treated mud with caustic, quebracho, lime, starch, and gel.
8-26	4446	4505	Drilled 59'. Circulated 1 hour prior to Schlumberger logs, picked up core barrel, 2 hours; ran electrical survey and microlog and tallied pipe, 5 hours. Treated mud with lime, starch, quebracho, caustic, and gel.
8-27	4505	4558	Drilled 53'. Circulated 1 hour prior to test; came out of hole and picked up test tool 3 1/2 hours; ran DST #2 3-1/2 hours. Treated mud with lime, starch, quebracho, caustic, and gel.
			DST #2 straddle test, 4328-4380, Johnston Testers. Ran tester with 2 open hole bobtail packers at 4321 and 4328, 1 conventional packer at 4380, three outside pressure recorders, 3/4" subsurface bean, 1" surface bean, perforations 4328-4380, no water cushion. Initial shut in 20 minutes, open 1 1/2 hours, final shut in 1 hour 10 minutes. Very weak initial blow, dead in a few seconds. No fluid loss in annulus, recovered 1 pint mud. ISIP 0, HP 2205, IFP 0, FFP 0, SIP 0.

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014	10 3/4"	1004'
7 7/8"	1014	4120		
DRILL PIPE SIZES			1 1/2" - 6.6#	

**SHELL OIL COMPANY**

WELL NO. 2

**DRILLING REPORT**

FOR PERIOD ENDING

August 29, 1954

Section 35

41 S., 23 E., S. L. M.

Desert Creek  
 (FIELD)  
 San Juan, Utah  
 (COUNTY)

DAY	DEPTH		REMARKS
	FROM	TO	
8-28	4558	4625	Drilled 67'. 1 hour serviced and repaired oil line on draw works. 1 hour jetted shale pit and worked on shale shaker. 3/4 hour serviced rig and layed down 2 drill collars. Treated mud with quebracho, starch, lime, caustic, and gel.
8-29	4625	4732	Drilled 107'. Serviced rig and checked BOP's and Kelly stop. Layed down four joints with protectors on, five joints of crooked pipe, and one drill collar. Treated mud with caustic, quebracho, lime, starch, and gel.
			<p><u>Mud Summary</u>                      Wt. 9.5 - 9.7 #/gal.                      Vis. 75 - 103 sec.                      pH 12.8-13                      W.L. 5.7 - 5.6 cc.                      Ck. 2/32"                      Sal. 525-425 ppm                      Sd. 1 1/4 - 1 1/2%</p> <p><u>Drillers for Geo. Noland Drlg. Co.</u></p> <p>T. T. Glazebrook                      H. E. Clements                      J. M. Conder                      J. V. Gay                      M. W. Barbee</p>

CONDITION AT BEGINNING OF PERIOD				
PIPE			CASING SIZE	DEPTH ENT
SIZE	FROM	TO		
13 3/4"	0	101 1/2'	10 3/4"	100 1/2'
7 7/8"	101 1/2'			
DRILL PIPE 1 1/2" -			16.6#	

Desert Creek

DRILLING REPORT

Section 35

(FIELD)  
San Juan, Utah  
(COUNTY)

FOR PERIOD ENDING  
September 5, 1954

(SECTION OR LEASE)  
41 S., 23 E., SLM  
(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-30	4732	4820	Drilled 88'. Picked up two drill collars. Treated mud with caustic, gel, quebracho, lime, and starch.
8-31	4820	4913	Drilled 93'. 1 hour, jetted shale pit and conditioned mud to adjust weight. Serviced rig. Treated mud with caustic, quebracho, lime, starch, and gel.
9-1	4913	4990	Drilled 77'. Oiled rig and jetted shale pit. Circulated 1 hour in preparation for coring. Treated mud with lime, quebracho, starch, caustic and gel.
9-2	4990	5039	Cored 49'. 2 hours finished strapping out of hole. 1 hour set back drill collars and picked up core barrel. 3 hours going in hole with core barrel. 1 hour circulating. Treated mud with caustic, quebracho, lime and starch.
9-3	5039	5068	Cored 29'. 1 hour coring, 1 hour circulating, 2 1/2 hours pulling core. <u>Core #1, 4990-5043.5; recovered 53.5'</u> . 2 hours removing core and dressing core barrel. 2 hours going in hole with core barrel. 1/2 hour circulating and washing to bottom. 1 hour repairing water line on drum and repairing pump. 14 hours coring (Core #2). Treated mud with caustic, quebracho, lime, and starch.
9-4	5068	5095	Cored 27'. 17 1/2 hours coring (Core #2). 1 hour repairing air line. 1 hour circulating at 5095', 2 1/2 hours pulling core. <u>Core #2, 5043.5'-5095'; recovered 51.5'</u> . 2 hours removing core, dressing core barrel and setting it back, and running 4 stands of drill collars in hole. Jetted shale pit. Treated mud with quebracho, starch, lime, caustic, and gel.
9-5	5095	5144	Drilled 49'. 1 hour picked up 3 drill collars, layed down 7 crooked joints of drill pipe and rubber joints, and picked up 3 plain joints of drill pipe. 1 hour reaming core hole from 4990-5095. 1 hour jetted shale pits and serviced rig. Treated mud with caustic, quebracho, lime, gel, and starch.

Checked B.O.E. daily

Mud Summary

Weight 9.9-10.1#/gal.  
Viscosity 48-80 sec.  
Water Loss 5.4-8.0 cc.

Cake 1/32-2/32"  
Salinity 990-1980 ppm NaCl (t)  
pH 12.5-13.0

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO	10 3/4	1004'
13 3/4	0	1014		
7 7/8"	1014'	4732'		
DRILL PIPE 4 1/2"-16.6#				

Drillers for Geo. Noland, Contractor

H. E. Clements  
J. T. Glazebrook  
J. M. Conder

**SHELL OIL COMPANY**

WELL NO. 2

Desert Creek  
 (FIELD)  
 San Juan County, Utah  
 (COUNTY)

**DRILLING REPORT**  
 FOR PERIOD ENDING  
 September 12, 1954

Section 35  
 (SECTION OR LEASE)  
 T. 41S., R. 23E., S. B. & M.  
 (TOWNSHIP OR RANCHO)

DAY	DEPTH		REMARKS
	FROM	TO	
9-6	5144	5215	Drilled 71'. Repaired mud line and serviced rig, 1 1/2 hours. Jetted shale pit. Treated mud with caustic, tannex, starch, lime, and gel.
9-7	5215	5314	Drilled 99'. Repaired water line and pump, 1 hour. Circulated up samples at 5260', 1 1/2 hours. Treated mud with tannex, lime, caustic, starch, and gel.
9-8	5314	5340	Drilled 26'. Circulated for test, 1 hour. Pulled out and picked up tool and went in hole, 7 3/4 hours. Tool open 4 hours, shut in 1 hour. Pulled tool and tore down and went back into hole, 5 1/2 hours. DST #3, 5145-5320, Johnston Testers. Two bobtail open hole packers at 5145 and 5140, three outside pressure recorders, 3/4" subsurface bean, perforations: 5307-5320 and 5145-5159, no water cushion. Initial shut in 20 minutes, open 4 hours, final shut in 40 minutes. Moderate to fair blow first 80 minutes to medium for 20 minutes, inflammable gas to surface in 80 minutes. No fluid loss in annulus. Recovered 770' (8 bbls.) of which 180' (2.56 bbls.) was slightly gas cut mud, 590' (5.41 bbls.) gassy oil and gassy oily mud. Gravity of oil 40° API (wet), cut ranging from 75% to 0.7% just above tool; salinity 1500-1850 ppm. HP 2700 IFP 180 FFP 345 ISIP 1975 BHT: 126° F. Mud before test 620 ppm NaCl. <u>195</u> <u>1980</u>
9-9	5340	5427	Drilled 87'. 1 hour circulated up samples, hit salt (?) at 5392'. 3 1/2 hours conditioned mud. Ran junk sub in with bit prior to coring. 5 hours circulated and conditioned mud, put new piston in right side of #1 pump. Treated mud with caustic, quebracho, lime, starch, and gel.
9-10	5427	5468	Cored 41'. Circulated and conditioned mud 2 hours. Set back 6 drill collars. Broke circulation 25 stands off bottom. 1 hour circulating with core barrel. 15 hours coring. Treated mud with starch, caustic, and quebracho.
9-11	5468	5469	Cored 1'. 1 1/2 hours coring, 1 hour circulating, 1 hour conditioning mud. Lost core barrel in hole. 13 1/2 hours waiting on fishing tools. 2 1/2 hours going in hole with Bowen overshot, O.D. 6 1/8", I.D. 4 5/8". 2 hours fishing and circulating. Core barrel broke off just above top of inner barrel at bearing pack-off assembly below safety joint. No mud treatment.

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014	10 3/4"	1004'
7 7/8	1014'	5144'		
DRILL PIPE SIZES			4 1/2" - 16.6#	

**DRILLING REPORT**

FOR PERIOD ENDING

September 12, 1954

Section 35

(SECTION OR LEASE)

41 S., 23 E., SIM

(TOWNSHIP OR RANGHO)

Desert Creek

(FIELD)

San Juan County, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
9-12	5469	5500	<p>Drilled 31'. 2 hours pulled out of hole with Bowen 6 1/8" overshot. 1 hour layed down same, picked up 5 1/8" Bowen releasing spear. 2 1/2 hours fishing. 1 1/2 hour circulating, 3 hours pulling fish out of hole, 2 hours breaking down fishing tools.</p> <p><u>Core #3, 5427-5469, recovered 18'.</u> 1 1/2 hours going in hole with rock bit. 2 1/2 hours serviced rig and finished going in hole, layed down 4 rubbered joints. Reamed 7 3/4" hole to 7 7/8" from 5427-5469. 1 1/2 hours drilling. 4 hours mixing mud and changing from lime-base to starch mud. Treated mud with wel gel, starch, quebracho, and caustic.</p> <p><u>Mud Summary:</u>                      Weight: 9.7-9.9#/gal.                      Viscosity: 48-63 sec.                      Water Loss: 7.1-22 cc.                      Cake: 2/32" - 4+/32"                      Salinity: 620 - 144,045 ppm NaCl(T)                      pH: 12.8-13.0</p> <p><u>Drillers for George Noland</u>                      H. E. Clements                      T. T. Glazebrook                      J. M. Conder</p>

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014	10 3/4	1004
7 7/8	1014	5144		
DRILL PIPE 1 1/2" SIZES			16.6#	

D. K. Murray

**SHELL OIL COMPANY**

WELL NO. 2

**Desert Creek**  
(FIELD)  
**San Juan County, Utah**  
(COUNTY)

**DRILLING REPORT**  
FOR FIELD USE  
 September 19, 1954

Section 35  
413., 23E., 31N  
(TOWNSHIP OR RANGE)

DAY	DEPTH		REMARKS
	FROM	TO	
9-13	5500	5500	Drilled 0'. 4 1/2 hours circulated and reconditioned mud. 4 1/2 hours pulled out of hole and picked up Johnston testing tool. 2 hours ran in hole with tester. 1 hour laid down 4 joints of pipe and pulled out of hole. 8 hours finished coming out of hole, broke down tool and loaded same, picked up new core barrel and stood it in derrick, and went in hole with junk sub and rock bit. Treated mud with wel gel, starch, caustic and quebracho. DST #4, 5335-5500. Halliburton testers. Ran 2-7" DEWP packers at 5328 and 5335, three outside pressure recorders, 1" subsurface bean, 1" surface bean, perforations (5/8") 5335-5368 and 5488-5498, no water cushion. Tool open 2 1/2 hours, initial shut-in 22 minutes, final shut-in 70 minutes. Weak to fair blow throughout open period. No fluid loss in annulus. Recovered 355' (3.5 bbl.) of slightly gassy drilling mud and gassy, slightly watery mud. Salinity of recovered fluid 158,000 - 170,000 ppm NaCl. Mud before test 95,000 ppm NaCl. HP 2900, IFP 0, FFP 200, ISIP 450, FSIP 450, BHT 127°F.
9-14	5500	5618	Drilled 118'. Treated mud with caustic, quebracho, starch, and wel gel.
9-15	5618	5662	Drilled 42', Cored 2'. 1 1/2 hour circulated prior to running Schlumberger. 2 hours strapped out of hole. 6 hours ran Schlumberger logs; electrical survey, microlog and laterolog. 1 hour circulated at 5660' with core barrel, 2 1/2 hours coring (core #4).
9-16	5662	5710	Cored 48'. Repaired pump, 1 1/2 hours. Treated mud with caustic, quebracho, gel (salt) and starch.
9-17	5710	5740	Cored 30'. Jetted shale pit. Treated mud with caustic, quebracho, gel, and starch. <u>Core No. 4, 5660'-5711' Recovered 48'</u>
9-18	5740	5770	Cored 21', drilled 9'. Blew air chamber on 14" pump, continued drilling with stand by. Treated mud with quebracho and caustic. <u>Core No. 5, 5711-5761, Recovered 50'</u>
9-19	5770	5816	Drilled 46'. Jetted shale pit, worked on mud line, 1/2 hour. Treated mud with starch, caustic, quebracho, and gel.

Checked B.O.E. daily.

Mud Summary

Weight: 9.9-10.3#/gal.  
 Viscosity: 47-75 sec.  
 Water Loss: 5-13.5 cc.  
 Cake: 1-2/32 inches  
 Salinity: 137,520-206,250 ppm NaCl  
 pH: 10.5-12.1

Drillers for Geo. Noland Drilling Company

T. T. Glazebrook  
 H. E. Clements  
 J. M. Conder

CONDITION AT BEGINNING OF PERIOD					
HOLE			CASING SIZE	DEPTH SET	
SIZE	FROM	TO			
13 3/4"	0	1014	10 3/4"		1004
7 7/8"	1014	5500			
DRILL PIPE 4 1/2" - 16.6#					

**DRILLING REPORT**  
FOR PERIOD ENDING  
September 26, 1954

Section 35

(SECTION OR LEASE)

41S., 23E., S. L. M.

(TOWNSHIP OR RANGE)

Desert Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
9-20	5816	5868	Drilled 52'. Circulated 1 hour. Treated mud with caustic, quebracho, starch, and wel gel.
9-21	5868	5917	Drilled 49'. Circulated 1 hour. 1 hour repacked swivel and put in new wash pipe. Treated mud with caustic, quebracho, starch, and wel gel.
9-22	5917	5957	Drilled 40'. Treated mud with caustic, quebracho, starch, and wel gel.
9-23	5957	6006	Drilled 49'. One hour jettted shale pit, serviced rig, and ran slope test. Treated mud with caustic, quebracho, starch, and wel gel.
9-24	6006	6088	Drilled 82'. Treated mud with starch, quebracho, and caustic.
9-25	6088	6153	Drilled 65'. Jettted pits. Treated mud with caustic and quebracho.
9-26	6153	6222	Drilled 69'. Treated mud with caustic and quebracho.
			<u>Checked B. O. E. Daily</u>
			<u>Mud Summary</u> Weight: 10.3-10.8#/gal. Viscosity: 50-54 sec. Water Loss: 8.2-9.3 cc. Filter Cake: 2/32" Salinity: 299,620-302,620 ppm NaCl pH: 10.3
			<u>Drillers for Geo. Noland Drlg. Co.</u>  T. T. Glazebrook H. E. Clements J. M. Conder

CONDITION AT BEGINNING OF PERIOD

HOLE		CASING SIZE	DEPTH SET
SIZE	FROM TO		
13 3/4	0 1014	10 3/4"	1004'
7 7/8	1014' 5816		
DRILL PIPE SIZES <u>4 1/2"</u>		<u>16.6#</u>	

D. K. Murray

SIGNED

Desert Creek

**DRILLING REPORT**

Section 3

(FIELD)

FOR PERIOD ENDING

(SECTION OR LEASE)

San Juan, Utah

October 3, 1954

T. 41S., R. 23E., S. 1. M.

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
9-27	6222	6293	Drilled 71'. Hit bridge at 1400'. 1/2 hour reaming. Treated mud with caustic, quebracho and salt gel.
9-28	6293	6359	Drilled 66'. Treated mud with caustic, quebracho, starch, and gel.
9-29	6359	6375	Drilled 16'. Hit bridge at 1300'. 4 hours reaming and conditioning mud. Dropped 4 drill collars trying to get through bridge. Went back into hole unsuccessfully attempting to screw into fish. Went back in with bit, reamed to fish. Treated mud with caustic, quebracho, salt gel, and starch.
9-30	6375	6375	Drilled 0'. 1 1/2 hours washing to fish. 3 3/4 hours circulating and reconditioning mud. Pulled out and went in with Bowen Jars and overshot. 8 hours jarring on fish. One hour breaking off fish. Came out of hole and 2 1/2 hours breaking down Bowen jars and overshot. Picked up 7" washover pipe. Treated mud with caustic, quebracho, gel, and starch.
10-1	6375	6379'	Drilled 4'. 5 1/2 hours washing over drill collars. 1/2 hour circulating. Went into hole with Bowen jars and drill collars. Screwed onto fish and recovered. 4 1/2 hours going into hole and reaming to bottom. Treated mud with caustic, quebracho and starch.
10-2	6379	6422	Drilled 43'. 7 hours working on stuck pipe. Treated mud with caustic, quebracho, starch and gel.
10-3	6422	6422	Drilled 0'. 8 hours working on stuck pipe. 8 hours fishing, running in free point locator. 1 hour picking up washover pipe. 7 hours waiting on washover pipe. Treated mud with caustic, starch, quebracho, and gel.

Mud Summary

Weight: 10.4-10.7#/gal.

Viscosity: 50-85 secs.

Water Loss: 7.9-10.2 cc.

Cake: 2/32"

Salinity: 211, 200-310, 200 ppm NaCl (t)

pH: 10.4-10.7

Checked B. O. E.'s daily.

Drillers for George Noland Drilling Co.

T. T. Glazebrook  
H. E. Clements  
J. M. Conder

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014	10 3/4"	1004'
7 7/8"	1014	6222		
DRILL PIPE SIZES			4 1/2"	16.6#

S. J. Ieronimo

SIGNED

**SHELL OIL COMPANY**

WELL NO. 2

Desert Creek

**DRILLING REPORT**

Section 35

(FIELD)

FOR PERIOD ENDING

(SECTION OR LEASE)

San Juan, Utah

October 10, 1954

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-4	6422	6422	6 hours waiting on wash pipe. Washed over 297, 4 1/2 hours shooting and running free point. Treated mud with caustic, quebracho, gel, salt clay and starch.
10-5	6422	6422	2 hours washing over 9 drill collars. 2 hours shooting off and pulling same. 16 hours washing over 6 drill collars to total depth. Treated mud with quebracho, caustic, starch, and gel.
10-6	6422	6422	9 hours washing over, 9 1/2 hours screwing into fish and recovering same. 3 hours conditioning mud. Treated mud with quebracho, caustic, starch, and gel.
10-7	6422	6467	Drilled 45'. 2 1/2 hours reconditioning mud. 7 1/2 hours reaming from 1000' to 1450'. 1 1/2 hours circulating and cleaning pits. Treated mud with quebracho, caustic, starch, and gel.
10-8	6467	6505	Drilled 38'. Lost circulation at 6485'. 12 hours conditioning mud and adding lost circulation material. 3 hours strapping out of hole. Measured 6506'. Ran gamma ray neutron. Schlumberger T.D. 6507'. Attempted to run microlog. Sonde hit bridge at 5434. Three hours running Schlumberger. Treated mud with caustic, quebracho, gel, silvace, and Beaver Dam.
10-9	6506	6506	Drilled 0'. 5 hours running Schlumberger. (ML) 1 hour breaking down Schlumberger Sonde. 2 1/2 hours core. 1 1/2 hours making up tester. Ran DST #5. Interval 6400-6506. Tester Johnston: 2 BTOH packers at 6400 and 6393, three outside pressure recorders, 1 - 3/4" subsurface bean, 1 - 1" surface bean, 106' tail piece, perforations 6400-6423 and 6483-6506. Hole below packers = 1.38 bbls. 120' drill collars. Moderate initial blow decreasing to weak in 40 minutes, continued for duration of test. Tool open 2 1/2 hours. Shut in 20 minutes. Recovered 5150' of slightly gassy salt H <sub>2</sub> O (72.1 bbls.). HP 3325, IFP 1250 FFP 2350, SIP 2375 (stab- 3250 1375 2275 2550 ilized in 10 minutes). Gas rate nil. BHT 122° F. Minimum salinity of water 90,000 ppm. Mud 10,800 ppm.
10-10	6506	6540	Drilled 34'. 3 1/2 hours finishing DST #5. 10 1/2 hours changing drilling line. Treated mud with caustic, quebracho, starch and gel.

Mud Summary

Weight: 9.5-10.5#/gal. pH: 10.1-10.6  
 Viscosity: 85-150 sec.  
 Water Loss: 8.4-11.7 cc.  
 Cake: 2/32-4/32"  
 Salinity: 108,000-247,000 ppm

Drillers for George Noland Drilling Company

T. T. Glazenbrook  
 H. E. Clements  
 J. M. Conder

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014'	10 3/4"	1004'
7 7/8	1014'	6222'		
DRILL PIPE SIZES 4 1/2" - 16.6#				

Desert Creek

(FIELD)

San Juan, Utah

(COUNTY)

DRILLING REPORT

FOR PERIOD ENDING

October 17, 1954

35

(SECTION OR LEASE)

T. 41 S., R. 23 E., S. 1. M.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-11	6540	6608	Drilled 68'. Treated mud with caustic, quebracho and starch.
10-12	6608	6650	Drilled 42'. 2 3/4 hours conditioning mud. Treated mud with caustic, starch, gel, and salt clay.
10-13	6650	6702	Drilled 52'. Jetted pits. Treated mud with caustic, quebracho, starch and gel.
10-14	6702	6740	Drilled 38'. Lost circulation at 6727'. 4 1/2 hours recovering lost circulation. Treated mud with caustic, quebracho, starch, silvercal, beaver dam and gel.
10-15	6740	6776	Drilled 36'. 1/2 hour cleaning lost circulation material out of pump. Jetted pits. Treated mud with caustic, quebracho, gel, and starch.
10-16	6776	6822	Drilled 46'. Treated mud with caustic, quebracho, starch, and gel.
10-17	6822	6865	Drilled 43'. 1 hour cutting drilling line. Treated mud with caustic, quebracho, and starch.

Mud Summary

Weight: 9.3-9.7#/gal.  
 Viscosity: 93-136 secs.  
 Water Loss: 9.5-15.4 cc.  
 Cake: 2/32" - 4/32"  
 Salinity 72,300-120,450 ppm NaCl.  
 pH: 10.5-10.6

Checked B. O. E. Daily

Drillers For Geo. Noland Drlg. Co.

E. B. Lewis  
 H. E. Clements  
 T. T. Glazebrook  
 J. M. Conder

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014	10 3/4"	1004'
7 7/8"	1014	6540		
DRILL PIPE SIZES			4 1/2" - 16.6#	

S. J. Ieronimo

SIGNED

SHELL OIL COMPANY

WELL NO. 2

Desert Creek

DRILLING REPORT

FOR PERIOD ENDING

35

(FIELD)

San Juan, Utah

October 24, 1954

(SECTION OR LEASE)

T. 41S., R. 23 E.

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-18	6865	6910	Drilled 45'. Treated mud with caustic, quebracho, starch and gel.
10-19	6910	6946	Drilled 36'. Treated mud with caustic, quebracho, gel, bentonite, starch, and formaldehyde.
10-20	6946	6963	Drilled 17'. Hit bridge at 6240'. Lost cone off bit. 2 1/2 hours waiting on magnetic basket. 5 1/2 hours going into hole and fishing. Treated mud with caustic, quebracho, starch, and gel.
10-21	6963	7020	Drilled 57'. Recovered cone off bit. 1 1/2 hours circulating for DST #6. Treated mud with caustic, quebracho, starch and gel.
10-22	7020	7037	Drilled 17'. DST #6, 6889-7020. Ran Johnston Tester with two BTOH packers at 6889 and 6882, three outside pressure recorders, 3/4" subsurface bean; 1" surface bean, perforations 7020-7007 and 6911-6889. 120' of air cushion. Moderately weak initial blow, decreasing to weak in one hour and continuing for duration of test. Recovered 2000' (28 bbls.) of slightly gassy, muddy salt water. Tool open 2 1/2 hours, shut in 1 1/2 hours. Maximum salinity of salt water 82,200 ppm. Mud before test 67,100 ppm NaCl. HP <u>3450</u> , IFP <u>675</u> , FFP <u>1005</u> , SIP <u>2595</u> , Gas <u>3300</u> <u>705</u> <u>995</u> <u>2550</u> rate nil. 1 1/2 hours circulating and mixing mud. 1 1/2 hours making up tool. 4 hours testing. 1 hour breaking up tool. Treated mud with starch, gel, caustic and quebracho.
10-23	7037	7111	Drilled 74'. Treated mud with quebracho, caustic, starch and gel.
10-24	7111	7149	Drilled 38'. 1/2 hour working on engines. Treated mud with caustic, quebracho, and starch.
			Checked B. O. E. Daily
			Mud Summary: Weight: 9.1-9.7#/gal. Viscosity: 67-135 sec. Water Loss: 9.2-13.5 cc. Cake: 2/32" - 4/32" Salinity: 67,100-97,350 ppm NaCl pH: 10.4-10.7

Contractor: Geo. Noland Drlg. Co.  
 Drillers: E. B. Lewis  
 H. E. Clements  
 T. T. Glazebrook

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014'	10 3/4"	1004'
7 7/8"	1014'	6865'		
DRILL PIPE SIZES			4 1/2"	16.6#

**SHELL OIL COMPANY**

WELL NO. 2

Desert Creek

**DRILLING REPORT**

FOR PERIOD ENDING  
October 31, 1954

(FIELD)  
San Juan, Utah  
(COUNTY)

35  
(SECTION OR LEASE)  
T. 41S., R. 23E., S. 1. M.  
(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-25	7149	7202	Drilled 53'. Treated mud with caustic, quebracho, gel, and starch.
10-26	7202	7230 T. D.	Drilled 28'. Lost circulation at 7230' (. T. D. ). 10 1/2 hours mixing mud and regaining circulation. Treated mud with caustic, quebracho, starch, silvercel, Beaver Dam, gel, cottonseed hulls.
10-27		7230 T. D.	5 1/2 hours going into hole and conditioning mud. 14 hours running Schlumberger Electric Log, Microlog, Laterolog, Section Gauge and Gamma Ray-Neutron. Treated mud with starch, caustic and quebracho.
10-28		7230 T. D.	9 hours circulating to clean out hole prior to setting plugs. Went in with open end drill pipe. Circulated for 2 1/2 hours and rigged up for cement. 3 1/2 hours cementing three plugs through open end drill pipe hung at 7225', 6670', and 6300'. 50 sacks to each plug. 2 1/2 hours laying down 66 joints of drill pipe. 3/4 hours putting gasket on cement wagon. Treated mud with quebracho and caustic.
		6175 PBTD	
10-29		7230 T. D.	10 1/2 hours circulating and conditioning mud to run casing and taking out lost circulation material. 3 1/2 hours laying down drill pipe and drill collar. 1/2 hour laying down core barrel. 2 1/4 hours changing rams in B.O.P. and rigging up to run casing. Ran 5 1/2" - 17#/ft. L. T. & C. J-55 Republic casing. Cemented with 250 sacks of construction cement. Landed casing at 5380'. 40 minutes cementing casing. Displaced with 130 bbls. of mud. Pumped 20 barrels of water ahead of cement. Used two rubber bumper plugs - one ahead of cement and one behind. 4 3/4 hours running in casing and cementing same. 1 hour cleaning out.
10-30		5340 PBTD	13 hours changing pipe rams, Kelly and running in 171 joints of tubing. Hit plug at 5338'. 3 hours drilling and circulating to 5340'. Tested casing for 15 minutes with 1000 psi. Test okay. 4 hours circulating and displacing with clean water. 2 hours pulling tubing. 2 hours waiting on cement.
10-31		7230 T. D.	Running 2", 4.6#, J-55 E. U., 8rnd seamless tubing, 6 1/4 hours. Drilling plug and circulating to clean hole, 5 hours. Displacing mud with clear water, 2 hours. Pulling tubing to perforate, 2 hours. Running McCullough gamma-ray log and collar locator and W. O. C., 8 3/4 hours.
		5340 PBTD	

Drillers for George Noland Drilling Co.  
E. B. Lewis  
H. E. Clements  
T. T. Glazebrook

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4	0	1014	10 3/4	1004
7 7/8	1014	7149		
DRILL PIPE SIZES			16.6#/ft.	

**SHELL OIL COMPANY**

**DRELLING REPORT**  
FOR DRILLING OPERATIONS

November 7, 1954

Desert Creek

San Juan, Utah  
(COUNTY)

WELL NO. 2  
35  
T.H.S., R. 23E., T. 1. N.

DAY	DURATION		REMARKS							
	FROM	TO	PRODUCTION TEST #1							
11-6	T. D.	P. B. 5340	11-5-54		11-6-54		11-6-54			
			Time	Rec.-Out	Time	Rec.-Out	Time	Rec.-Out		
			4:02 PM	26 bbls, 3%	12:30 AM	25	9:30	24 0		
			4:20	26	1:00	24	10:00	24		
			5:05	28	1:30	25	10:30	24		
			5:21	13	2:00	25, 1.0%	11:00	23		
			5:47	21	2:30	25	11:30	21		
			6:07	18.5	3:00	24	12:00	23.25		
			6:30	19, 1.75%	3:30	24	12:30 PM	22		
			7:00	25.5	4:00	24, 1.0%	1:01	25		
			7:30	24.75	4:30	25	0:30	23		
			8:00	27	5:00	24.5	2:00	23		
			8:30	28.5	5:30	24	Shut in to flange up and choke back			
			9:00	26	6:00	24, 0.5%				
			9:30	26.5	6:30	23.5				
			1000	24	7:00	23.5				
1030	26	7:30	21							
1100	25	8:00	23, 0.4%							
1130	21	8:30	25							
1200	25, 1.5%	9:00	23.5							
11-7	P. B. 5340	Fishing, 14 hours (fish consisted of Otis choke, jars and jar stem), killed well with water 1 hr. Tripped tubing, 7 hrs. Tubing hung at 5319' with 1 5/8" restricted collar on bottom, packer at 5214'.								
			Drillers for Geo. Noland, Contractor							
			E. E. Lewis							
			H. E. Clements							
			T. G. Glazebrook							

**CONDITION AT BEGINNING OF PERIOD**

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014	10 3/4"	1004
7 7/8"	1014	7230	5 1/2"	5340'
2" 4.7'				

SHELL OIL COMPANY

WELL NO. 2

DRILLING REPORT

FOR PERIOD ENDING

November 7, 1954

35

(SECTION OR LEASE)

T. 41 S., R. 23 E., S. L. M.

(TOWNSHIP OR RANCHO)

Desert Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS																																																																																																																																																																
	FROM	TO																																																																																																																																																																	
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11-6	P.B. T.D.	5340	In 24 hours ending 2:00 PM flowed on open line 1160 bbls gross, 1128 bbls clean oil, average flow line cut 2.8%, gravity 40° API, estimated pour point 50°F. Shut in at 2:00 PM to install Xmas tree. Tubing pressure after 1/2 hour shut-in, 415 psi. Lost Otis plug in tubing, unable to retrieve. Fishing 5 hours.																																																																																																																																																																

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HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014'	10 3/4"	1004'
7 7/8"	1014	7230	5 1/2"	5380'
Tubing SIZES 2", 4.7#				

Desert Creek

**DRILLING REPORT**

35

San Juan, Utah

November 7, 1954

T. J. S., R. 23E., S. 1. M.

DAY	DEPTH		REMARKS																																																				
	FROM	TO																																																					
11-4	7230 T. B.	5340 PBED	<p>Perforating, as above, 3 1/2 hours. Ran in hole with Lane Well production packer, 4 1/2 hours. Set packer at 5213' and rigged up to swab, 16 hours. Swabbing.</p> <table border="1"> <thead> <tr> <th>Run</th> <th>Time</th> <th>Sec.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10:53 am</td> <td>10</td> <td>Salinity 300 ppm, fluid to sump.</td> </tr> <tr> <td>2</td> <td></td> <td>1</td> <td>300</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> <td>300+</td> </tr> <tr> <td>4</td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>5</td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>6</td> <td></td> <td>0.5</td> <td>350</td> </tr> <tr> <td>7</td> <td>4:31 pm</td> <td>4</td> <td></td> </tr> <tr> <td>8</td> <td>4:55</td> <td>nil</td> <td>Oil too viscous at 50° F. to test</td> </tr> <tr> <td>9</td> <td>5:22</td> <td>0.5</td> <td>Salinity 26,700 ppm, fluid water with trace oil</td> </tr> <tr> <td>10</td> <td>8:20</td> <td>2</td> <td>Oil, gravity 40.2° API wet, cut 2% BS&amp;W</td> </tr> <tr> <td>11</td> <td>-</td> <td>0</td> <td></td> </tr> <tr> <td>12</td> <td>11:11</td> <td>0.3</td> <td></td> </tr> </tbody> </table>	Run	Time	Sec.	Remarks	1	10:53 am	10	Salinity 300 ppm, fluid to sump.	2		1	300	3		0.5	300+	4		0		5		0		6		0.5	350	7	4:31 pm	4		8	4:55	nil	Oil too viscous at 50° F. to test	9	5:22	0.5	Salinity 26,700 ppm, fluid water with trace oil	10	8:20	2	Oil, gravity 40.2° API wet, cut 2% BS&W	11	-	0		12	11:11	0.3	
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**SHELL OIL COMPANY**

WELL NO. 2

Desert Creek

**DRILLING REPORT**

35

(FIELD)

FOR PERIOD ENDING

(SECTION OR LEASE)

San Juan, Utah

November 7, 1954

T. 41S., R. 23E., S. 1. M.

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
11-1	7230 T. D.	5340 PBTD	<p>Waiting on cement, 16 hours. Went in hole with Johnston Shoot 'N' Test tool and shot 4 holes 5329'-5330', and set packer, 2 1/2 hours. Testing 1 hour. Pulled out with test tool, 2 1/2 hours.</p> <p>W. S. O. Test 1, packer at 5315', tail to 5336', no water cushion, 4 - 1/2" jet holes at 5330', blow strong to weak in 11 minutes, steady to end, open 1 hour, not shut in, recovered 2000' salt water, salinity 239,000 ppm to 188,000.</p> <p>Broke down test tool, 1 hour waited on Halliburton for squeeze job, 5 3/4 hours. Ran in hole with D &amp; M drillable squeeze tool, 2 hours. Squeezed cement, 1/2 hours. Packer set 5316, break down at 2900 psi, pumped 50 sacks 112 lb. slurry, pressure increased from 2500 psi to 3100 psi, displaced with 20 bbls. water, set 5 minutes, brought pressure to 3500 psi, dropped back to 2900 psi, brought to 3000 psi where it held. Pulled out of hole and broke down Halliburton tool, 1 1/2 hours. Waiting on cement, 7 hours.</p>
11-2	7230 T. D.	5340 PBTD	<p>Waiting on cement and cleaning up, 14 hours. Ran in hole with bit, 1 hour. Drilled D &amp; M tool and 30' cement (no cement above D &amp; M tool). Circulated to clean hole, 2 hours. Pulled out of hole with bit and made up Johnston Shoot 'N' Test tool, 2 1/2 hours. Ran in hole and tested 4 hours.</p> <p>W. S. O. Test 1A, Johnston Shoot 'N' Test, packer at 5310', tail to 5325', cleaned out to 5344.5'; no water cushion, 4 - 1/2" jet holes at 5326'-5327', 1" surface bean, 1/2" subsurface bean, 2 subsurface recorders, blow moderate initial decreasing to weak in 5 minutes, open 1 hour, not shut in, recovered 55' water, salinity 300-8000 ppm. IFP 70 psi, FFP 70 psi. Pulled out of hole with test tool, 2 hours. Dressed gun and packer 1 hour. Ran in hole for W. S. O. test 2, 2 hours. Testing, 1 hour.</p> <p>W. S. O. Test 2, Johnston Shoot 'N' Test, packer at 5196', tail to 5211', cleaned out as above, recorders as above, blow fair to weak in 1 minute, quick buildup to moderate after 25 minutes, open 1 hour, not shut in. Recovered 330': 60' (.23 bbls.) oil, 5% BS&amp;W 270' (1.1 bbls.) salt water salinity 4000-59,200 ppm, IFP 5 psi, FFP 80/140 psi. Pulled out of hole with test tool and broke down, 3 hours. Perforating interval 5244'-5272', 5294'-5306', and 5316'-5320' with 3 jet and 3 bullet holes per foot, McCullough Gun Perforator, 6 3/4 hours.</p>
11-3	T. D.		

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014'	10 3/4"	1004'
7 7/8"	1014'	7230	5 1/2"	5380'
DRILL PIPE SIZES				

SHELL OIL COMPANY

WELL NO. 2

DRILLING REPORT

FOR PERIOD ENDING

November 14, 1954

35

T. 41S., R. 23E., S. 1. M.

Desert Creek

(FIELD)

San Juan, Utah

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS																																																		
	FROM	TO																																																			
11-8	T. D.	P. B. 5340	<p>Worked gas out casing, 8 hours. Set back B.O.P's and hooked up Xmas tree, 3 hours. Riggged up to swab, 1 hour. Swabbed well in at 1:05 PM, after four swab runs. After flowing 1 hour 35 minutes, rate was 1200 B/D gross, 1170 B/D oil through 2" open line. Shut well in at 2:40 PM.</p> <p style="text-align: center;"><u>PRODUCTION TEST</u></p> <table border="1"> <thead> <tr> <th>Time</th> <th>Recovery</th> <th>Salinity</th> <th>Cut</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>11:00 AM</td> <td>7 bbls.</td> <td>300 ppm</td> <td>All Water</td> <td>Swab run #1</td> </tr> <tr> <td>11:45</td> <td>7</td> <td>300</td> <td>85% F.L.</td> <td>Swab run #2</td> </tr> <tr> <td>12:10 PM</td> <td>13</td> <td>57,800</td> <td>85% F.L.</td> <td>Swab run #3</td> </tr> <tr> <td>12:45</td> <td>11.5</td> <td>57,800</td> <td>80% "</td> <td>Swab run #4</td> </tr> <tr> <td></td> <td colspan="3">Well flowed at 1:05</td> <td></td> </tr> <tr> <td>1:10</td> <td>7.0</td> <td>80,000</td> <td>24% "</td> <td>Well Flowing</td> </tr> <tr> <td>1:40</td> <td>19.5</td> <td>90,600</td> <td>6% "</td> <td>Well Flowing</td> </tr> <tr> <td>2:10</td> <td>27</td> <td>79,100</td> <td>3% "</td> <td>Well Flowing</td> </tr> <tr> <td>2:40</td> <td>25</td> <td></td> <td>2.5% "</td> <td>Insuf. H<sub>2</sub>O for Sal.</td> </tr> </tbody> </table> <p>Well shut in at 2:40 P.M.                      Tubing Pressure after 11 minutes = 360 psi                      Tubing Pressure after 26 minutes = 395 psi                      Released contractor at 8:00 P.M.</p>	Time	Recovery	Salinity	Cut	Remarks	11:00 AM	7 bbls.	300 ppm	All Water	Swab run #1	11:45	7	300	85% F.L.	Swab run #2	12:10 PM	13	57,800	85% F.L.	Swab run #3	12:45	11.5	57,800	80% "	Swab run #4		Well flowed at 1:05				1:10	7.0	80,000	24% "	Well Flowing	1:40	19.5	90,600	6% "	Well Flowing	2:10	27	79,100	3% "	Well Flowing	2:40	25		2.5% "	Insuf. H <sub>2</sub> O for Sal.
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CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13 3/4"	0	1014	10 3/4"	1004'
7 7/8"	1014	7230	5 1/2"	5380'

Tubing  
 SIZES 2", 4.75"



November 22, 1965

Shell Oil Company  
P. O. Box 1200  
Farmington, New Mexico

Re: Well Nos. Desert Creek #26-36,  
Sec. 36, T. 41 S., R. 23 E.,  
and Desert Creek #2, Sec. 35,  
T. 41 S., R. 23 E., San Juan  
County, Utah

Gentlemen:

Upon checking our files we find that we do not have a driller's log and electric and/or radioactivity logs for the above mentioned wells. It was also noted that we have very little information on said wells. These wells were drilled prior to the establishment of the Commission, however, we are making an attempt to complete our records on wells that have been drilled in the state.

It would be appreciated if you could forward said information and logs to this office as soon as possible.

Thank you for your assistance in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN  
RECORDS CLERK

srh

W



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

12. COUNTY OR PARISH

13. STATE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

CONSOLIDATED OIL & GAS, INC

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 600 FNL 600 BWL

At top prod. interval reported below SAME

At total depth SAME

#2

DESERT CREEK

35 T41S R23E

SLM

14. PERMIT NO. 4303715868 DATE ISSUED

15. DATE SPUDDED 7-22-54 16. DATE T.D. REACHED 10-26-54 17. DATE COMPL. (Ready to prod.) 11-8-54 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4895.56L 19. ELEV. CASINGHEAD 4907' KB

20. TOTAL DEPTH, MD & TVD 7230' 21. PLUG, BACK T.D., MD & TVD 5340' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORDED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 1/4		1004	13 1/4		
5 1/2		5380	7 7/8	750 SKS	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
5244'-72 }  
5294'-5306 } 3 JS PF  
5316'-70 } 3 BHP

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) 500	
DATE OF TEST 11-8-54	HOURS TESTED 1.35	CHOSE SIZE 2"	PROD'N. FOR TEST PERIOD	OIL—BBL. 1170	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO 40°
FLOW. TUBING PRMS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

### 27. SUMMARY OF POROUS ZONES:

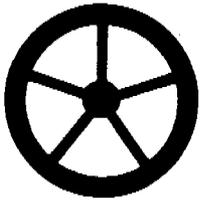
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COBED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

### 28.

### GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH



RECEIVED

FEB - 3 1986

DIVISION OF OIL  
GAS & MINING

*Consolidated Oil & Gas, Inc.*

P. O. BOX 2038  
FARMINGTON, NEW MEXICO 87499  
(505) 632-8056

January 29, 1986

State of Utah  
Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah

RE: Name Change of Principal  
from Consolidated Oil & Gas, Inc.  
to Columbus Energy Corporation

Gentlemen:

Consolidated Oil & Gas, Inc. requests a name change of principal to Columbus Energy Corporation. This name change will include all Federal, Indian, State and Fee wells operated by Consolidated Oil & Gas, Inc. in Utah. The attached list contains well names, lease numbers and locations for all Federal and Indian leases operated in Utah.

Well signs have been changed to Columbus Energy Corp. and the required oil & gas bonds have been filed.

Please contact our Farmington office if you need any additional information.

Thank you,

*Dale Richardson*  
Dale Richardson

Production & Drilling Sup't.

Attach.

RECEIVED

FEB - 3 1986

DIVISION OF OIL  
GAS & MININGCONSOLIDATED OIL & GAS, INC. - SAN JUAN COUNTY, UTAH WELLS

<u>WELL NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>LEASE NO.</u>
AKAH 1	NE/4 33-42S-22E	SJ	14-20-603-236
BLUFF 3	NW/NW/4 4-40S-23E	SJ	SL 071403A
BLUFF 13-4	"	SJ	"
BLUFF 24-5	"	SJ	"
BLUFF 42-5	"	SJ	"
BLUFF 44-5	"	SJ	"
DESERT CREEK 2	SE/4 35-41S-23E	SJ	14-20-603-248
RECAPTURE CREEK 1	SE/SW/4 21-40S-23E	SJ	U 01890
RECAPTURE CREEK 2	SW/4 21-40S-23E	SJ	"
RECAPTURE CREEK 3	SE/4 21-40S-23E	SJ	"
TOHONADLA 1	SE/4 35-41S-21E	SJ	14-20-603-229
TOHONADLA 23-35	SW/4 35-41S-21E	SJ	"
TOHONADLA 32-35	NE/4 35-41S-21E	SJ	"
TOHONADLA 36-1	SW/4 36-41S-21E	SJ	"
TOHONADLA 41-25	NE/4 25-41S-21E	SJ	"
TOHONADLA 41-35	NE/4 35 41S-21E	SJ	"
TOHONADLA 43-35	SE/4 35-41S-21E	SJ	"
TOHONADLA TRACT 23-1	NE/4 02-42S-21E	SJ	14-20-603-270

**NOTICE OF TRANSFER OF OWNERSHIP**

Present operator: CONSOLIDATED OIL & GAS, INC. Telephone: (505)632-8056

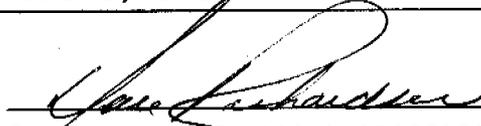
Address: P.O. BOX 2038

City: FARMINGTON State: N.M. Zip: 87499

Well no.: 2 Field or Unit name: DESERT CREEK

Sec.: 35 Twp.: 41S Rng.: 23E County: SAN JUAN Lease no. 14-20-603-248

Effective date of transfer: December 1, 1985

  
Signature of present operator

April 7, 1986  
Date

New operator: COLUMBUS ENERGY CORPORATION

Address: P.O. BOX 2038

City: FARMINGTON State: N.M. Zip: 87499

  
Signature of new operator

April 7, 1986  
Date

(This space for DOGM approval)

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
SEP 24 1990

DESTINATION & SERIAL NO.

\*

INDIAN ALLOTTEE OR TRIBE NAME

OIL, GAS & MINING \*

UNIT AGREEMENT NAME

\*

FARM OR LEASE NAME

\*

WELL NO.

\*

FIELD AND POOL, OR WILDCAT

\*

SEC. T. R. M. OR BLK. AND SURVEY OR AREA

\*

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Sterling Energy Corporation

3. ADDRESS OF OPERATOR  
1801 Broadway, Suite 600, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
At proposed prod. zone  
\*See attached exhibit

14. API NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY  
San Juan

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
FULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*   
Change of Operator

APPROX. DATE WORK WILL START

DATE OF COMPLETION  
New Operator

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/21/90

\* Must be accompanied by a cement verification report.

Gentlemen:

Effective October 1, 1990, Sterling Energy Corporation will become operator of the wells listed on the attached schedule. Columbus Energy Corp. is the current operator of record. Sterling has been record title owner since August of 1989.

OIL AND GAS	
DPN	RJF
JFB	GLH
DIS	SLS
MICROFILM	
E.L.C.	

18. I hereby certify that the foregoing is true and correct  
SIGNED Jerry D. Smothermon TITLE Engineer DATE 9/21/90

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

3. LEASE DESIGNATION & SERIAL NO.  
\*

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

INDIAN ALLOTTEE OR TRIBE NAME

RECEIVED  
SEP 24 1990

1. OIL WELL  GAS WELL  OTHER

1. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Columbus Energy Corp.

2. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR  
1860 Lincoln Street, Suite 1100, Denver, CO 80295

3. WELL NO.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
At proposed prod. zone

10. FIELD AND POOL, OR WILDCAT

\*See attached exhibit

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA

14. API NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY

13. STATE

San Juan

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

To resign as operator

APPROX. DATE WORK WILL START

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/21/90

\* Must be accompanied by a cement verification report.

Gentlemen:

Effective 12:01 A.M. October 1, 1990, Columbus Energy Corp. will resign as operator of the wells listed on the attached Exhibit. Sterling Energy Corporation, the record title owner, will become the successor operator.

OIL AND GAS	
DN	RIF
PH	GIH
POS	SLS
MICROFILM	
FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

Gary M. Ahlfenger

TITLE

Land Manager

DATE

9/21/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Exhibit to Sundry Notice  
 State of Utah  
 Sterling Energy Corporation  
 (owner of record)

**RECEIVED**  
 SEP 24 1990

Well Name	1/4/14	Sec.	Twn.	Rge.	Field	County	State
Bluff(Unit) # 3	NWNW	4	40S	23E	Bluff 43-037-15864	San Juan	Utah
Bluff(Unit) # 24-5	SESW	5	40S	23E	Bluff 43-037-15865	San Juan	Utah
Bluff(Unit) # 44-5	SESE	5	40S	23E	Bluff 43-037-15867	San Juan	Utah
Bluff # 42-5	SENE	5	40S	23E	Bluff 43-037-30866	San Juan	Utah
Bluff # 13-4	NWSW	4	40S	23E	Bluff 43-037-30726	San Juan	Utah
Desert Creek # 2	SESE	35	41S	23E	Desert Ck.	San Juan	Utah
Recapture Creek # 1	SESW	21	40S	23E	Recapture Ck.	San Juan	Utah
Recapture Creek # 2	NWSW	21	40S	23E	Recapture Ck.	San Juan	Utah
Recapture Creek # 3	NWSE	21	40S	23E	Recapture Ck.	San Juan	Utah
Tohonadla # 1	SWSE	35	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 41-25	NENE	25	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 23-35	NESW	35	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 36-1	SWSW	36	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 41-35	NENE	35	41S	21E	Tohonadla	San Juan	Utah
Navajo Tr. #23-1	NENE	2	42S	21E	Tohonadla	San Juan	Utah

Desert Creek #2 — 43-037-15868  
 Recapture Creek #1 — 43-037-15871  
 Recapture Creek #2 — 43-037-20727  
 Recapture Creek #3 — 43-037-30926  
 Tohonadla #1 — 42-037-15872  
 Tohonadla #41-25 — 43-037-15876  
 Tohonadla #23-35 — 43-037-15874  
 Tohonadla #36-1 — 43-037-30854  
 Tohonadla #41-35 — 43-037-15877  
 Navajo Tr. #23-1 — 43-037-15540

RECEIVED  
SEP 24 1990

DESIGNATION OF AGENT OR OPERATOR - FORM 5

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: See attached exhibit

LEASE NUMBER: See attached exhibit

and hereby designates

NAME: Trinity Petroleum Management, Inc.

ADDRESS: 1801 Broadway, Suite 600, Denver, CO 80202

as his agent/operator, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to (describe acreage to which this designation is applicable):

See attached exhibit

OIL AND GAS	
DFN	RJF
JFB	GLH
DIS	SLS
1-6CR1	
MICROFILM	
F&E	

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas, and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees promptly to notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation 10/1/90

By: [Signature]

Company Sterling Energy Corporation  
Address 1801 Broadway, Suite 600  
Denver, CO 80202

Title: President (signature) Samuel Butler  
Phone: 303-296-1908



State of Utah  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
 Governor  
 Dee C. Hansen  
 Executive Director  
 Dianne R. Nielson, Ph.D.  
 Division Director

355 West North Temple  
 3 Triad Center, Suite 350  
 Salt Lake City, Utah 84180-1203  
 801-538-5340

January 8, 1991

Mr. Jerry D. Smothermon  
 Sterling Energy Corporation  
 1801 Broadway, Suite 600  
 Denver, Colorado 80202

Dear Mr. Smothermon:

RE: Change of Operator, Columbus Energy Corp. to Sterling Energy Corporation

Pursuant to our conversation on December 28, 1990, below is a list of wells that the Division has not approved for a change of operator. We have contacted the Bureau of Land Management in Farmington, New Mexico regarding the Indian Leases listed below and have been informed that these operator changes have not been approved by the BLM.

NAVAJO TR #23-1	SEC. 2, T. 42S, R. 21E	43-037-15540	14-20-603-270
TOHONADLA 36-1	SEC. 36, T. 41S, R. 21E	43-037-30854	14-20-603-229
DESERT CRK #2	SEC. 35, T. 41S, R. 23E	43-037-15868	14-20-603-248
TOHONADLA #1	SEC. 35, T. 41S, R. 21E	43-037-15872	14-20-603-229
TOHONADLA #23-35	SEC. 35, T. 41S, R. 21E	43-037-15874	14-20-603-229
TOHONADLA #41-25	SEC. 25, T. 41S, R. 21E	43-037-15876	14-20-603-229
TOHONADLA #41-35	SEC. 35, T. 41S, R. 21E	43-037-15877	14-20-603-229

It is requested that Sterling Energy Corporation forward copies of operator change approvals received from the Bureau of Land Management to our office to expedite the operator change process.

If we can be of further assistance, please feel free to contact me at (801)538-5340.

Sincerely,

Lisha Romero  
 Administrative Analyst

WE36/4  
 cc: Operator Change File



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
NAVAJO AREA OFFICE

Branch of Real Property Management  
P. O. Box 1060  
Gallup, New Mexico 87305-1060

IN REPLY  
REFER TO:  
ARPM/Minerals

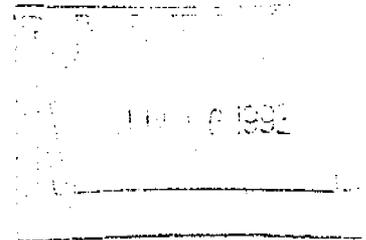


DESEPT CR# #2

JUN 8 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Jerry Smothermon  
Vice President of Operations  
Sterling Energy Corporation  
1801 Broadway, Suite 600  
Denver, Colorado 80202



Dear Mr. Smothermon:

Enclosed for your information and files is the original approved copy of the Designation of Operator from Consolidated Oil and Gas, Inc., Phoenix Resources Company, Grace Petroleum Corporation and E. A. Polumbus, Jr., on Navajo Tribal Oil and Gas Lease No. 14-20-603-248, approved May 27, 1992.

By a copy of this letter, we are providing copies to all parties concerned.

Sincerely,

Area Director

Enclosure

RECEIVED

JUL 16 1992

DIVISION OF  
OIL GAS & MINING

(March 1989)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

(Submit in triplicate to appropriate  
BLM and BIA Agency Office)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Indian Affairs, holder of lease

AREA OFFICE: Window Rock  
LEASE NO: Tribal 14-20-603-248

and hereby designates

NAME: Sterling Energy Corporation  
ADDRESS: 1801 Broadway, Suite 600, Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (describe acreage to which this designation is applicable):

SEE ATTACHED

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 1227194 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attach all appropriate documentation relevant to this document.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

See attached designation of Operator signed by Consolidated Oil & Gas Inc., Phoenix Resources co., Grace Petroleum Corporation, and E. A. Polumbus, Jr. consisting of four (4) pages and by this reference made apart thereof.

\_\_\_\_\_  
(Signature of lessee)

\_\_\_\_\_  
(Address)

5/27/92  
\_\_\_\_\_  
(Date)

APPROVED BY

Acting Area Director  
\_\_\_\_\_  
TITLE

\_\_\_\_\_  
(Date)

Pursuant to Secretarial Redlegation  
Order 209 DM 8 and 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah  
SERIAL NO.: BIA 14-20-603-248

and hereby designates

NAME: Sterling Energy Corporation  
ADDRESS: 1801 Broadway, Suite 600, Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

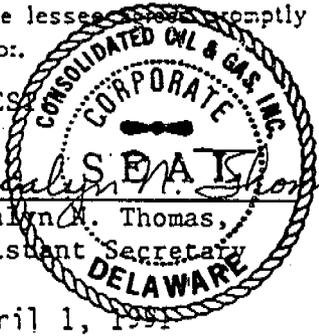
Township 41 South, Range 23 East-San Juan County, Utah  
Section 25: All  
Section 26: All  
Section 35: All  
~~Section 36: All~~

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee shall promptly to notify the authorized officer of any change in the designated operator.

ATTEST



By Jacalyn N. Thomas  
Jacalyn N. Thomas,  
Assistant Secretary

April 1, 1991  
(Date)

CONSOLIDATED OIL & GAS, INC.

By George M. Simmons  
George M. Simmons, President & CEO

410 17th Street, Suite 440  
Denver, Colorado 80202

(Address)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah  
SERIAL NO.: BIA 14-20-603-248

and hereby designates

NAME: Sterling Energy Corporation  
ADDRESS: 1801 Broadway, Suite 600, Denver, Colorado 80202

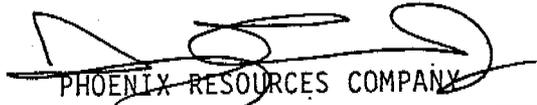
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 23 East-San Juan County, Utah  
Section 25: All  
Section 26: All  
Section 35: All  
Section 36: All

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

  
PHOENIX RESOURCES COMPANY

(Signature of lessee)

6525 North Meridan  
Oklahoma City, Oklahoma 73116

(Address)

April 1, 1991

(Date)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah  
SERIAL NO.: BIA 14-20-603-248

and hereby designates

NAME: Sterling Energy Corporation  
ADDRESS: 1801 Broadway, Suite 600, Denver, Colorado 80202

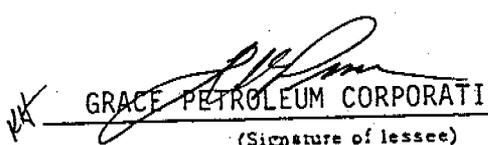
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 23 East-San Juan County, Utah  
Section 25: All  
Section 26: All  
Section 35: All  
Section 36: All

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

  
GRACE PETROLEUM CORPORATION

(Signature of lessee)

6501 North Broadway  
Oklahoma City, Oklahoma 73116-8288

(Address)

April 1, 1991

(Date)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah  
SERIAL NO.: BIA 14-20-603-248

and hereby designates

NAME: Sterling Energy Corporation  
ADDRESS: 1801 Broadway, Suite 600, Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 23 East - San Juan County, Utah  
Sec 35, E/2 NE/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

  
\_\_\_\_\_  
E. A. Columbus, Jr. (Signature of Lessee)  
1380 Lawrence Street, Suite 1450  
Denver, CO 80204

April 10, 1992

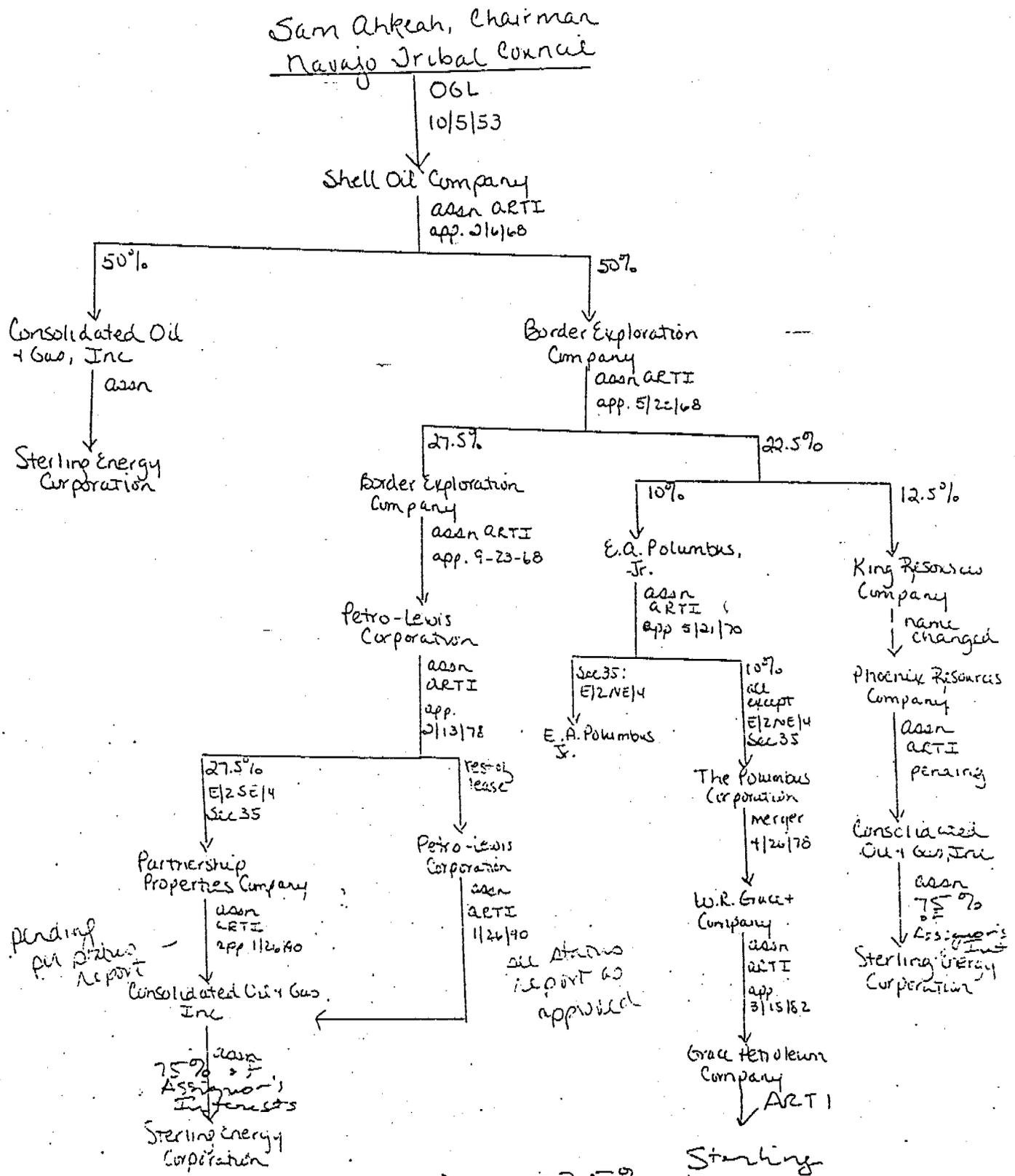
(Date)

(Address)

Lease 14-20-653-248

T415 R25E, 24N

- Sec 25: all
- Sec 26: all
- Sec 35: all
- Sec 36: all



pending per status report

oil status report as approved

Sterling 77.5%  
 Consolidated 22.5%

1- LCR	7-LCR
2- DTS	
3- VLC	
4- RJF	
5- ADA	
6-	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)                       Designation of Agent  
 Designation of Operator                               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-27-92)

TO (new operator)	<u>STERLING ENERGY CORPORATION</u>	FROM (former operator)	<u>COLUMBUS ENERGY CORP.</u>
(address)	<u>1801 BROADWAY, SUITE 600</u>	(address)	<u>1860 LINCOLN ST., #1100</u>
	<u>DENVER, CO 80202</u>		<u>DENVER, CO 80295</u>
	<u>JERRY SMOTHERMON</u>		
	phone (303) <u>296-1908</u>		phone (303) <u>861-5252</u>
	account no. <u>N5945</u>		account no. <u>N0255</u>

Well(s) (attach additional page if needed):

**\*LEASE NO. 14-20-603-248**

Name: <u>DESERT CRK #2/PRDX</u>	API: <u>43-037-15868</u>	Entity: <u>6270</u>	Sec <u>35</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *Rec'd 7-24-90*
- 1 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *Rec'd 7-24-90*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- 1 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-20-92)*
- 1 6. Cardex file has been updated for each well listed above. *7-20-92*
- 1 7. Well file labels have been updated for each well listed above. *7-20-92*
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *7-20-92*
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- lee* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- lee* 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: \_\_\_\_\_ 19\_\_\_\_.

FILED

- lee* 1. Copies of all attachments to this form have been filed in each well file.
- lee* 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

Routing:	
1-JCR	7-LGR
2-DTS	TS
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-27-92)

TO (new operator)	<b>TRINITY PETROLEUM MANAGEMENT</b>	FROM (former operator)	<b>STERLING ENERGY CORPORATION</b>
(address)	<u>1801 BROADWAY, SUITE 600</u>	(address)	<u>1801 BROADWAY, SUITE 600</u>
	<u>DENVER, CO 80202</u>		<u>DENVER, CO 80202</u>
			<u>JERRY SMOTHERMON</u>
	phone (303) <u>296-1908</u>		phone (303) <u>296-1908</u>
	account no. <u>N 5945(A)</u>		account no. <u>N 5945</u>

Well(s) (attach additional page if needed):

**\*LEASE NO. 14-20-603-248**

Name: <b>DESERT CRK #2/PRDX</b>	API: <u>43-037-15868</u>	Entity: <u>6270</u>	Sec <u>35</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- JCR 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd Designation of Agent 9-24-90*)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- JCR 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- JCR 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *7-20-92*
- JCR 6. Cardex file has been updated for each well listed above. *7-20-92*
- JCR 7. Well file labels have been updated for each well listed above. *7-20-92*
- JCR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *7-20-92*
- JCR 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 8/2/92 1992. If yes, division response was made by letter dated 8/2/92 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 8/2/92 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1* 1. All attachments to this form have been microfilmed. Date: Aug 7 1992.

FILED

- 1* 1. Copies of all attachments to this form have been filed in each well file.
- 1* 2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

*920720 Sterling Energy Corp. is the recognized operator, Trinity Petro. is "Agent" only!*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
14-20-603-248

6. If Indian, Allottee or Tribe Name  
Navajo

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Sterling Energy Corporation

3. Address and Telephone No.  
1801 Broadway, Suite 600, Denver, CO 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
600' S & 600' E Sec. 35, T41S, R23E

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Desert Creek 2

9. API Well No.  
43-037-15868

10. Field and Pool, or Exploratory Area  
Desert Creek

11. County or Parish, State  
San Juan County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>H<sub>2</sub>S Content</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

As requested by your office the tank vapors were measured for H<sub>2</sub>S content on 12-7-92. The following are the results of those measurements:

Tank	H <sub>2</sub> S Content
3338	10 PPM
3339	12 PPM

**RECEIVED**

FEB 26 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Richard A. Ferris Title Chief Operations Engineer Date 2-24-93

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

**MONTHLY OIL AND GAS PRODUCTION REPORT**

OPERATOR NAME AND ADDRESS:

C/O TRINITY PETRO MGT INC  
 STERLING ENERGY CORP  
 1801 BROADWAY STE 600  
 DENVER CO 80202

UTAH ACCOUNT NUMBER: N5945

REPORT PERIOD (MONTH/YEAR): 10 / 94

AMENDED REPORT  (Highlight Changes)

Well Name	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
NAVAJO TR #23-1 4303715540 06230 42S 21E 2	ISMY			142003270		
RECAPTURE CREEK 2 4303730727 06255 40S 23E 21	IS-DC			607890	"Non Unit Well"	5/19/95 to Basin Exp.
TOHONADLA 36-1 4303730854 06260 41S 21E 36	PRDX			142003229		
DESERT CREEK 2 4303715868 06270 41S 23E 35	PRDX			142003248		
RECAPTURE CREEK #3 4303730926 08450 40S 23E 21	DSCR			607890	"Non Unit Well"	5/19/95 to Basin Exp.
TOHONADLA #1 4303715872 11202 41S 21E 35	PRDX			142003229		
TOHONADLA #23-35 4303715874 11202 41S 21E 35	PRDX			"		
TOHONADLA #41-25 4303715876 11202 41S 21E 25	PRDX			"		
TOHONADLA 2-35 4303731568 11202 41S 21E 35	ISMY			"		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**Basin Operating Company**

370 17th Street, Suite 1800

Denver, CO 80202

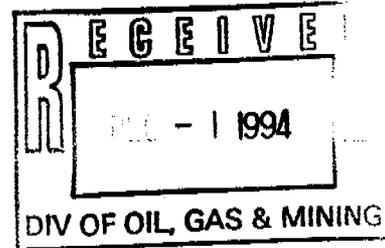
Office 303/685-8000

Fax 303/685-8010



November 30, 1994

Ms. Lisha Cordova  
State of Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203



**Re: Sterling Energy Corporation Merger  
and Change of Name**

Dear Ms. Cordova:

On November 22, 1994, Basin Energy, Inc., a Colorado corporation, merged into Sterling Energy Corporation, a Colorado corporation, and became Basin Sterling, Inc., a wholly owned subsidiary of Basin Exploration, Inc. Immediately thereafter, Basin Sterling, Inc. merged into its parent corporation, Basin Exploration, Inc., a Delaware corporation.

Sterling Energy Corporation is now, for all purposes, Basin Exploration, Inc. Attached are copies of Certificates of Merger from the states of Colorado and Delaware, evidencing the corporate mergers described above.

The address of Basin Exploration, Inc. is 370 17th Street, Suite 1800, Denver, Colorado. Please change all Sterling Energy Corporation records to reflect the new name and address.

Basin Operating Company (the wholly owned operating subsidiary of Basin Exploration, Inc.) will, by operation of law, become the operator of the properties on December 1, 1994. Sundry notices (Form 9) and exhibits for the properties are enclosed.

Please contact me if you have any additional questions regarding this merger.

Yours very truly,

**BASIN OPERATING COMPANY**

  
Judi Roys  
Production

Enclosure

Office of the Secretary of State

---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"BASIN STERLING, INC.", A COLORADO CORPORATION,

WITH AND INTO "BASIN EXPLORATION, INC." UNDER THE NAME OF "BASIN EXPLORATION, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, WAS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SECOND DAY OF NOVEMBER, A.D. 1994, AT 4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CORPORATION SHALL BE GOVERNED BY THE LAWS OF THE STATE OF DELAWARE.



*Edward J. Freel*

Edward J. Freel, Secretary of State

2289801 8330

944226741

AUTHENTICATION:

7312955

DATE:

11-23-94

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator: BASIN OPERATING COMPANY

3. Address and Telephone Number: 370 17TH STREET, SUITE 1800, DENVER, CO 80202  
(303) 685-8500

4. Location of Well

Footage: SEE ATTACHED

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

County: SAN JUAN

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change name of operator due to corporate merger.
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion December 1, 1994  
(effective date)

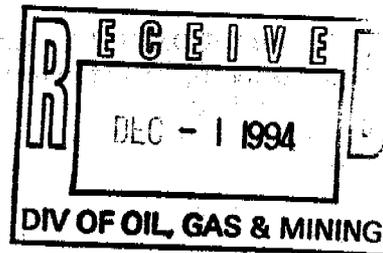
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

FORMER NAME OF OPERATOR:

Sterling Energy Corporation  
Z Trinity Petro Mgt Inc.  
1801 Broadway, Suite 600  
Denver, CO 80202



13.

Name & Signature:

*David M. Blawie*

Title: V.P. & CHIEF OPERATING OFFICER 11/30/94

(This space for State use only)

FIELD	WELL NAME	API #	COUNTY	ST	SEC	TWN	RGE	1/4 1/4	LEASE #
-------	-----------	-------	--------	----	-----	-----	-----	---------	---------

(entity#)

BLUFF	BLUFF 13- 4	430373072600	SAN JUAN	UT	4	40S	23E	NWSW	11146
BLUFF	BLUFF 24-5	430371586500	SAN JUAN	UT	5	40S	23E	SESW	
BLUFF	BLUFF 3	430371586400	SAN JUAN	UT	4	40S	23E	NWNW	
BLUFF	BLUFF 42- 5	430373086600	SAN JUAN	UT	5	40S	23E	SENE	
BLUFF	BLUFF 44-5	430371586700	SAN JUAN	UT	5	40S	23E	SESE	
✓ DESERT CREEK	DESERT CREEK 2	430371586800	SAN JUAN	UT	35	41S	23E	SESE	06270
RECAP . CREEK	RECAPTURE CREEK 1	430371587100	SAN JUAN	UT	21	40S	23E	SESW	06265
RECAP . CREEK	RECAPTURE CREEK 2	430373072700	SAN JUAN	UT	21	40S	23E	NWSW	06255
RECAP . CREEK	RECAPTURE CREEK 3	430373092600	SAN JUAN	UT	21	40S	23E	NWSE	08450
✓ TOHONADLA	NAVAJO TR #23-1	<del>15540</del> 430374056500	SAN JUAN	UT	2	42S	21E	NENE	06230
✓ TOHONADLA	TOHONADLA 1	430371587200	SAN JUAN	UT	35	41S	21E	SWSE	11202
✓ TOHONADLA	TOHONADLA * 36-1	30854 430371587200	SAN JUAN	UT	35	41S	21E	SWSE	
✓ TOHONADLA	TOHONADLA * 23-35	15874 430371587200	SAN JUAN	UT	35	41S	21E	SWSE	
✓ TOHONADLA	TOHONADLA * 41-25	15876 430371587200	SAN JUAN	UT	35	41S	21E	SWSE	
✓ TOHONADLA	TOHONADLA * 2-35	31568 430371587200	SAN JUAN	UT	35	41S	21E	SWSE	

ARTICLES OF MERGER FOR THE MERGER OF  
BASIN ENERGY, INC.,  
a Colorado corporation, into  
STERLING ENERGY CORPORATION,  
a Colorado corporation

RECEIVED  
1994 NOV 22 PM 3:37  
SECRETARY OF STATE  
STATE OF COLORADO

Pursuant to the provisions of Section 7-111-101 of the Colorado Business Corporation Act, the undersigned corporation has caused an officer to execute these Articles of Merger for the purpose of filing with the Secretary of State of the State of Colorado.

Article I

The "Agreement and Plan of Merger" attached hereto as Exhibit A and incorporated herein by reference has been approved and adopted by the directors and the shareholders of Basin Energy, Inc., a Colorado corporation ("Basin"), in the manner provided by the laws of the State of Colorado and by the directors and the shareholders of Sterling Energy Corporation, a Colorado corporation ("Sterling"), in the manner provided by the laws of the State of Colorado. Sterling is the surviving corporation, however, the name of the surviving entity shall be Basin Sterling, Inc. ("BSI").

Article II

As to Basin, the number of shares cast for the Agreement and Plan of Merger by each voting group entitled to vote separately thereon was sufficient for approval thereof.

As to Sterling, the number of shares cast for the Agreement and Plan of Merger by each voting group entitled to vote separately thereon was sufficient for approval thereof.

Article III

The Merger is to be effective on and as of the date upon which these Articles of Merger are filed with the Secretary of State of the State of Colorado.

Article IV

BSI agrees that it will promptly pay to any dissenting shareholders the amount, if any, to which they may be entitled under the provisions of the Colorado Business Corporation Act with respect to the rights of dissenting shareholders.

Article V

BSI agrees that it may be served with process in any proceeding for the enforcement of any obligation of Basin and in any proceeding for the enforcement of the rights of a dissenting shareholder against BSI.

Such service of process, if any, shall be sent by registered or certified mail to its principal office at:

Basin Sterling, Inc.  
c/o Basin Exploration, Inc.  
370 Seventeenth Street, Suite 1800  
Denver, Colorado 80202

Attention: Howard L. Boigon  
Vice President - General  
Counsel and Secretary

Executed this 22<sup>nd</sup> day of November, 1994

STERLING ENERGY CORPORATION,  
a Colorado corporation

By   
\_\_\_\_\_  
J. Samuel Butler, President

BASIN ENERGY, INC.,  
a Colorado corporation

By   
\_\_\_\_\_  
Michael S. Smith, President

ARTICLES OF MERGER FOR THE MERGER OF  
BASIN STERLING, INC.,  
a Colorado corporation, into  
BASIN EXPLORATION, INC.,  
a Delaware corporation

RECEIVED  
1994 NOV 22 PM 2:35  
SECRETARY OF STATE  
STATE OF COLORADO

Pursuant to the provisions of Sections 7-111-107 and 7-111-104 of the Colorado Business Corporation Act, the undersigned corporation has caused an officer to execute these Articles of Merger for the purpose of filing with the Secretary of State of the State of Colorado.

Article I

The "Plan of Merger" attached hereto as Exhibit A and incorporated herein by reference has been approved and adopted by the directors of Basin Exploration, Inc., a Delaware corporation ("Basin"), in the manner provided by the laws of the states of Delaware and Colorado.

Article II

Basin owns 100% of each class of the issued and outstanding capital stock of BSI.

ARTICLE III

As to BSI, no shareholder approval was required for the merger.

As to Basin, no stockholder approval was required for the merger.

Article IV

The Merger is to be effective on and as of the date upon which these Articles of Merger are filed with the Secretary of State of the State of Colorado.

Article V

Basin agrees that it may be served with process in any proceeding for the enforcement of any obligation of BSI.

Such service of process, if any, shall be sent by registered or certified mail to its principal office at:

Basin Exploration, Inc.  
Suite 1800  
370 17th Street  
Denver, Colorado 80202  
Attention: Howard L. Boigon, Vice President -  
General Counsel and Secretary

Executed this 22<sup>nd</sup> day of November, 1994

Basin Exploration, Inc.,  
a Delaware corporation

By

  
\_\_\_\_\_  
Michael S. Smith, President

Exhibit A

PLAN OF MERGER

THIS PLAN OF MERGER, dated as of November 22, 1994, is to provide for the merger of Basin Sterling, Inc., a Colorado corporation ("BSI"), into Basin Exploration, Inc., a Delaware corporation ("Basin"). BSI and Basin are sometimes hereafter together referred to as the "Constituent Corporations."

WHEREAS, BSI is a corporation duly organized and existing under the laws of the State of Colorado, having an authorized capital stock of 10,000 shares of Common Stock, \$.01 par value (the "BSI Common Stock");

WHEREAS, 1,000 shares of BSI Common Stock are issued and outstanding and owned by Basin, and are the only shares of capital stock of BSI issued and outstanding;

WHEREAS, the board of directors of Basin has determined that it is advisable and in the best interests of such corporations that BSI merge with and into Basin as authorized by the statutes of the states of Colorado and Delaware and upon the terms and subject to the conditions of this Agreement; and

WHEREAS, the board of directors of Basin has, by resolutions duly adopted, approved this Plan and, pursuant to the statutes of the states of Colorado and Delaware, no shareholder or stockholder approval was required.

NOW, THEREFORE, it is resolved as follows:

1. **Merger.** Upon the terms and subject to the conditions set forth in this Plan, BSI shall be merged with and into Basin (the "Merger"), and Basin shall be the surviving corporation (sometimes hereafter referred to as the "Surviving Corporation"). The name of the Surviving Corporation shall be Basin Exploration, Inc. The Merger shall become effective (the "Effective Time") upon the time and date of filing of such documents as required under applicable law.

2. **Governing Documents.** The certificate of incorporation of Basin, as in effect immediately prior to the Effective Time, shall be the certificate of incorporation of the Surviving Corporation without change or amendment until thereafter amended in accordance with applicable law. The bylaws of Basin, as in effect immediately prior to the Effective Time, shall be the bylaws of the Surviving Corporation without change or amendment until thereafter amended in accordance with applicable law. References to "the corporation" in Article 6 of the bylaws of Basin shall include BSI, in addition to Basin, so that any person who was a director or officer of BSI or is or was serving at the request of BSI as a director, employee, or agent

of another corporation, partnership, joint venture, trust, association, or other entity shall stand in the same position under the provisions of said Article 6 with respect to Basin as he would if he had served Basin in the same capacity or is or was so serving such other entity at the request of Basin, as the case may be.

3. Succession; Officers and Directors. At the Effective Time, the separate corporate existence of BSI shall cease, and Basin as the Surviving Corporation shall possess all the rights, privileges, powers and franchises of a public and private nature and be subject to all the restrictions, disabilities and duties of BSI; and all rights, privileges, powers and franchises of BSI, and all property, real, personal and mixed, and all debts due to BSI on whatever account, as well as for share subscriptions and all other things in action belonging to BSI, shall be vested in the Surviving Corporation; and all property, rights, privileges, powers and franchises, and all and every other interest shall be thereafter as effectively the property of the Surviving Corporation as they were of BSI, and the title to any real estate vested by deed or otherwise in BSI, shall not revert or be in any way impaired by reason of the Merger; but all rights of creditors and all liens upon any property of BSI shall be preserved unimpaired, and all debts, liabilities and duties of BSI shall thenceforth attach to the Surviving Corporation and may be enforced against it to the same extent as if such debts, liabilities and duties had been incurred or contracted by the Surviving Corporation. All corporate acts, plans, policies, agreements, arrangements, approvals and authorizations of BSI, its shareholders, Board of Directors and committees thereof, officers and agents which were valid and effective immediately prior to the Effective Time, shall be taken for all purposes as the acts, plans, policies, agreements, arrangements, approvals and authorizations of Basin and shall be as effective and binding thereon as the same were with respect to BSI.

At the Effective Time, except as provided elsewhere in this Plan, the officers of Basin shall become the officers of the Surviving Corporation to hold the positions in the Surviving Corporation to which they have been elected as officers of Basin and to serve in accordance with the bylaws of the Surviving Corporation.

At the Effective Time, the following persons shall become and constitute the board of directors, and the members thereof, of the Surviving Corporation until their respective successors shall have been duly elected and qualified, or until their earlier death, resignation or removal: Michael S. Smith, Arthur L. Angeli, David M. Blandford, J. Paul Hellstrom, Melvin O. Glerup, Larry D. Unruh, and Michael A. Nicolais.

4. Further Assurances. From time to time, as and when required by Basin, or by its successors and assigns, there

shall be executed and delivered on behalf of BSI such deeds and other instruments, and there shall be taken or caused to be taken by it all such further and other action, as shall be appropriate or necessary in order to vest, perfect or confirm, of record or otherwise, in Basin the title to and possession of all property, interests, assets, rights, privileges, immunities, powers, franchises and authority of BSI, and otherwise to carry out the purposes of this Plan, and the officers and directors of Basin are fully authorized in the name and on behalf of BSI or otherwise, to take any and all such action and to execute and deliver any and all such deeds and other instruments.

5. **Cancellation of Common Stock.** The 1,000 shares of BSI Common Stock presently issued in the name of Basin shall be cancelled and retired and no shares or other security shall be issued in respect thereof.

6. **Amendment.** Subject to applicable law, this Plan may be amended, modified or supplemented by the board of directors of Basin at any time prior to the Effective Time.

7. **Abandonment.** At any time prior to the Effective Time, this Plan may be terminated and the Merger may be abandoned by the board of directors of Basin, if circumstances arise which, in the opinion of the board of directors of Basin, make the Merger inadvisable.

8. **Service of Process.** The Surviving Corporation, from and after the Effective Time, agrees that it may be sued and served with process in the State of Colorado at 370 17th Street, Suite 1800, Denver, Colorado 80202, to the attention of Howard L. Boigon, Vice-President - General Counsel and Secretary, in any proceeding for the enforcement of any obligation of BSI.

9. **Governing Law.** This Plan shall be governed by and construed in accordance with the laws of the State of Delaware.

IN WITNESS WHEREOF, Basin has caused this Plan to be signed by its duly authorized officers as of the date first above written.

ATTEST:

BASIN EXPLORATION, INC., a  
Delaware corporation

By Howard L. Boigon  
Howard L. Boigon, Secretary

By Michael S. Smith  
Michael S. Smith, President

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
1420603248

6. If Indian, Allottee or Tribe Name  
NAVAJO

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
2 Desert Creek

9. API Well No.  
13-037-15868

2. Name of Operator

BASIN OPERATING COMPANY

10. Field and Pool, or Exploratory Area  
DESERT CREEK

3. Address and Telephone No.

370 17TH STREET, SUITE 1800, DENVER, CO 80202 (303) 685-8000

11. County or Parish, State

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

SEE ATTACHED EXHIBIT

415 23E Sec. 35

SAN JUAN, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other CHANGE NAME OF OPERATOR DUE TO CORPORATE MERGER
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

FORMER NAME OF OPERATOR: STERLING ENERGY CORPORATION

RECEIVED  
MOAB DISTRICT OFFICE  
94 DEC -5 PM 1:05  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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14. I hereby certify that the foregoing is true and correct

Signed *[Signature]*

Title V.P. CHIEF OPERATING OFFICER

DIV. OF OIL, GAS & MINING  
Date 11/30/94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_  
Date \_\_\_\_\_

ACCEPTED FOR RECORD

AUG 24 1995

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

FARMINGTON COPY

FARMINGTON DISTRICT OFFICE  
BY *[Signature]*

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEC 7-PL	✓
2	LWP 8-SJ	✓
3	DT 59-FILE	✓
4	VLO	✓
5	RJF	✓
6	LWP	✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (~~well sold~~)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-22-94)

TO (new operator)	<u>BASIN EXPLORATION INC</u>	FROM (former operator)	<u>STERLING ENERGY CORP</u>
(address)	<u>370 17TH ST STE 1800</u>	(address)	<u>C/O BASIN EXPLORATION INC</u>
	<u>DENVER CO 80202</u>		<u>370 17TH ST STE 1800</u>
	<u>JUDI ROYS</u>		<u>DENVER CO 80202</u>
	phone (303) <u>685-8000</u>		phone (303) <u>685-8000</u>
	account no. <u>N5070</u>		account no. <u>N5945(A)</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>037-15868</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(cedd 12-1-94 / Articles of Merger)*
- Yec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(cedd 12-1-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Yec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-18-95)*
- Lwp 6. Cardex file has been updated for each well listed above. *10-19-95*
- Lwp 7. Well file labels have been updated for each well listed above. *10-19-95*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-18-95)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- JLC* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- N/A* *JLC* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OT 5*  
*12/20/95*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

1. All attachments to this form have been microfilmed. Date: October 25 1995.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

*950519 Basin Expl. Inc. / Guidi Roy's - Oper. of wells Basin Expl. Inc. Not Basin Oper. Co.*  
*(Corrects letter dated 11-30-94)*

*\* other wells "Recapture Puck Unit & Bluff Unit & 2/Frd. lease wells" separate change (5/22)*

*950522 Sterling address updated to Sterling Co Basin Expl. Inc from Sterling Co Trinity Petro.*  
*until final "merger aprv. from BIA"*

*WE71/34-35*  
*951018 BLM accepted for Record 8-24-95. (Farmington, Nm)*

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: \_\_\_\_\_

7. UNIT or CA AGREEMENT NAME: \_\_\_\_\_

8. WELL NAME and NUMBER: \_\_\_\_\_

9. API NUMBER: \_\_\_\_\_

10. FIELD AND POOL, OR WILDCAT: \_\_\_\_\_

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR: \_\_\_\_\_

3. ADDRESS OF OPERATOR: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

4. LOCATION OF WELL

FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

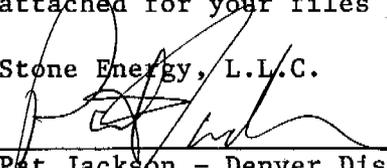
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

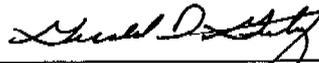
Effective 2/1/01 Basin Exploration, Incorporated merged with Stone Energy. The new name is as follows:

Stone Energy, L.L.C.  
1670 Broadway, Suite 2800  
Denver, CO 80202

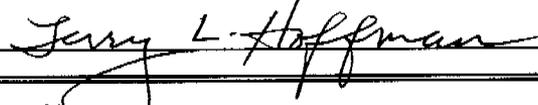
Blanket Bond #RLB0002054

Attached is the list of wells that will be effected in the State of Utah. Also attached for your files is a copy of the merger documentation.

Stone Energy, L.L.C.  
  
Pat Jackson - Denver District  
Manager

Basin Exploration, Inc.  
  
Gerald D. Gentry Operations Manager

NAME (PLEASE PRINT) Terry L. Hoffman TITLE Engineering Technician

SIGNATURE  DATE 2/1/01

(This space for State use only)

**RECEIVED**

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DIVISION OF  
OIL, GAS AND MINING

Lease #	Well Name & Number	API Number	Field	Legal Location	County
<del>UTU 75148</del>	<del>Bierstat #24-43</del> 11-13	<del>4303731793</del>	<del>Wildcat</del>	<del>NE NW 13 T40S R22E</del>	<del>San Juan</del>
SL 067701	Bluff #10	4303715328	Desert Creek	SW SW 30-T39S-R23E	San Juan
SL 071403A	Bluff #13-4	4303730726	Bluff	NW SE 4-T40S-R23E	San Juan
SL 067701	Bluff #16	4303730989	Desert Creek	SW SE 29-T39S-R23E	San Juan
ML 2008	Bluff #2	4303716538	Desert Creek	SE NW 32-T39S-R23E	San Juan
SL 071403A	Bluff #42-5	4303730866	Desert Creek	SE NE 5-T40S-R23E	San Juan
SL 071403A	Bluff #44-5	4303715867	Bluff	SE SE 5-T40S-R23E	San Juan
892000782A	Bluff #9	4303715327	Desert Creek	NE SE 30-T-39S-T23E	San Juan
892000782A	Bluff State #1	4303720236	Desert Creek	NW NW 32-T39S-R23E	San Juan
SL 067701	Bluff Unit #14	4303730533	Desert Creek	NE SE 30-T-39S-T23E	San Juan
1420603248	Desert Creek #11-35	4303731806	Wildcat	NW NE 35-T41S-R23E	San Juan
1420603248	Desert Creek #2 ✓	4303715868	Desert Creek	SE SE 35-T41S-R23E	San Juan
1420603270	Navajo Tribal #23-1 ✓	4303710535	Tohonadla	NE NE 2-T42S-21E	San Juan
U-01890	Recapture Creek #1	4303715871	Recapture Creek	SE SE 21-T40S-R23E	San Juan
U-01890	Recapture Creek #2	4303730727	Recapture Creek	NW SW 21-T40S-R23E	San Juan
U-01890	Recapture Creek #3 ✓	4303730926	Recapture Creek	NW SE 21-T40S-R23E	San Juan
1420603229	Tohonadla #1 ✓	4303715872	Tohonadla	SW SE 35-T41S-R21E	San Juan
1420603229	Tohonadla #23-35 ✓	4303715874	Tohonadla	NE SW 35-T41S-R21E	San Juan
1420603229	Tohonadla #2-35 ✓	4303731568	Tohonadla	N2 S2 35-T41S-R21E	San Juan

## Results of query for operator **BASIN EXPL**

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Q
4303715327	BASIN EXPLORATION INCORPORATED	9 BLUFF UNIT ✓	POW	UTSL067701*DUG	892000782A	39S	23E	30	SWSE
4303715328	BASIN EXPLORATION INCORPORATED	10 BLUFF UNIT ✓	TA	UTSL067701*DUG	UTSL067701*DUG	39S	23E	30	SWSW
* 4303715540	BASIN EXPLORATION INC	23-1 NAVAJO TRACT	POW	1420603270	1420603270	42S	21E	2	NENE
4303715864	BASIN EXPLORATION INCORPORATED	3 BLUFF UNIT	B ABD OK	UTSL071403A	8920007820	40S	23E	4	NWNW
4303715865	BASIN EXPLORATION INCORPORATED	24-5 BLUFF UNIT	B OK ABD	UTSL071403A	8920007820	40S	23E	5	SESW
4303715867	BASIN EXPLORATION INCORPORATED	44-5 BLUFF UNIT ✓	OSI	UTSL071403A	8920007820	40S	23E	5	SESE
4303715868	BASIN EXPLORATION INC	2 DESERT CREEK ✓	POW	1420603248*BEI	1420603248*BEI	41S	23E	35	SESE
4303715871	BASIN EXPLORATION INCORPORATED	1 RECAPTURE CRK ✓	POW	UTU01890	8910029170	40S	23E	21	SESW



5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_
6. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 03/23/2001
- 
8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 03/23/2001
- 
9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- 
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inj** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: \_\_\_\_\_ 06/27/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: \_\_\_\_\_ 06/27/2003
3. Bond information entered in RBDMS on: \_\_\_\_\_ N/A
4. Fee wells attached to bond in RBDMS on: \_\_\_\_\_ N/A

---

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: \_\_\_\_\_ N/A

---

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: \_\_\_\_\_ RLB0002054

---

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: \_\_\_\_\_

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**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number \_\_\_\_\_ N/A
- 
2. The **FORMER** operator has requested a release of liability from their bond on: \_\_\_\_\_ N/A  
The Division sent response by letter on: \_\_\_\_\_ N/A

---

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

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**COMMENTS:**

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-248
2. NAME OF OPERATOR: Stone Energy, L.L.C. <i>N1555</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1801 Broadway, St. 700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 600FSL and 660 FEL		8. WELL NAME and NUMBER: Desert Creek #2
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 35 41S 23E		9. API NUMBER: 4303716538
		10. FIELD AND POOL, OR WILDCAT: Desert Creek
		COUNTY: San Juan
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Transfer of Interest/ Operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2004, Stone Energy, L.L.C. is transferring title interest and operations of this well to Matrix Production Company, whose address is 5725 Commonwealth Blvd., Sugar Land, Texas 77479, Tele: 281-265-1212. The Matrix bonding is as follows: (1) BIA lands U.S. Specialty Insurance Company Bond No. B 001183 for \$120,000.00 (2) State of Utah Trust lands, U.S. Specialty Insurance Company Bond No. B 001043 for \$10,000.00 and (3) BLM lands U.S. Specialty Insurance Company Bond No. B 001041 for \$25,000.00.

MATRIX PRODUCTION COMPANY *N2660*

By: *Larry W. Lathrop*  
(Signature)  
Name: Larry W. Lathrop

Title: Vice President  
Date: 6/30/2004

NAME (PLEASE PRINT) Michael E. Cuba  
SIGNATURE *Michael E. Cuba*

TITLE Denver District Manager  
DATE 6/30/2004

(This space for State use only)

APPROVED 10/27/04

(5/2000)

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED  
OCT 04 2004

DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		<b>6/1/2004</b>
<b>FROM:</b> (Old Operator): N1555-Stone Energy, LLC 1801 Broadway, Suite 700 Denver, CO 80202 Phone: 1-(303) 685-8000	<b>TO:</b> ( New Operator): N2660-Matrix Production Company 5725 Commonwealth Blvd Sugar Land, TX 77479 Phone: 1-(281) 265-1212	

**CA No.**

**Unit:**

**see below**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BLUFF 16	29	390S	230E	4303730989	632	Federal	OW	P
BLUFF ST 2	32	390S	230E	4303716538	629	State	OW	S
RECAPTURE CREEK 2	21	400S	230E	4303730727	6255	Federal	OW	P
RECAPTURE CREEK 3	21	400S	230E	4303730926	8450	Federal	OW	S
TOHONADLA 1	35	410S	210E	4303715872	11202	Indian	OW	P
TOHONADLA 23-35	35	410S	210E	4303715874	11202	Indian	OW	P
TOHONADLA 2-35	35	410S	210E	4303731568	11202	Indian	OW	P
DESERT CREEK 2	35	410S	230E	4303715868	6270	Indian	OW	P
NAVAJO TR 23-1	02	420S	210E	4303715540	6230	Indian	OW	P
<b>RECAPTURE UNIT</b>								
RECAPTURE CREEK 1	21	400S	230E	4303715871	6265	Federal	OW	S
<b>BLUFF UNIT</b>								
BLUFF U 9	30	390S	230E	4303715327	625	Federal	OW	S
BLUFF U 14	30	390S	230E	4303730533	625	Federal	OW	P
BLUFF U ST 1	32	390S	230E	4303720236	625	State	OW	S
BLUFF 13-4	04	400S	230E	4303730726	11146	Federal	OW	P
BLUFF 44-5	05	400S	230E	4303715867	11146	Federal	OW	P
BLUFF 42-5	05	400S	230E	4303730866	11146	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/4/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/4/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/26/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5681279-0143
- If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on:
- 6b. Inspections of LA PA state/fee well sites complete on: n/a

16

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 10/27/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/27/2004
3. Bond information entered in RBDMS on: 10/27/2004
4. Fee/State wells attached to bond in RBDMS on: 10/27/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: B001041

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: B001183

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001044 and B001045

2. The **FORMER** operator has requested a release of liability from their bond on: held at TLA

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**THE  
NAVAJO  
NATION****MINERALS DEPARTMENT  
Post Office Box 1910  
Window Rock, Arizona 86515  
Telephone: (928) 871-6587/6588  
Telefax: (928) 871-7095****Joe Shirley, Jr.  
President****Frank Dayish, Jr.  
Vice President**

November 16, 2004

**Mr. Larry W. Lathrop  
Vice President  
Matrix Production Company  
5725 Commonwealth Blvd.  
Sugar Land, TX 77479**

NOV 22 2004

**SUBJECT: Application for Navajo Nation Oil & Gas Lease Assignments**

Dear Mr. Lathrop:

As we discussed on the telephone on November 15, 2004, we have completed review of the following Navajo Nation oil and gas leases:

<u>Lease No.</u>	14-20-603-229
	14-20-603-236 *
	14-20-603-248
	14-20-603-270

We have determined that we will recommend the leases, except Lease #14-20-603-236, for the Navajo Nation's consideration to exercise its first right of refusal as provided in the Navajo Nation Code, Title 18, Section 605. We will appreciate it if you would provide a copy of this letter to Stone Energy.

Please call me at (928) 871-6587 if you have any questions.

Sincerely,

*Akhtar Zaman*  
Akhtar Zaman, Director  
Minerals Department

RECEIVED  
JAN 06 2005  
DIV. OF OIL, GAS & MINING

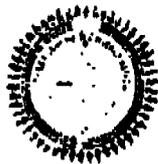
AZ/cab

Dec-17-04 14:13

From: Minerals Department

9288717095

T-707 P.02/02 F-743



**THE  
NAVAJO  
NATION**

**COPY**

**MINERALS DEPARTMENT**  
Post Office Box 1910  
Window Rock, Arizona 86515  
Telephone: (928) 871-6587/6588  
Telefax: (928) 871-7095

*Joe Shirley, Jr.*  
President

December 17, 2004

*Frank Dayish, Jr.*  
Vice President

**VIA FACSIMILE: (281) 264-1778**

Mr. Larry W. Lathrop  
Vice President  
Matrix Production Company  
5725 Commonwealth Blvd.  
Sugar Land, TX 77479

**SUBJECT: Application for Navajo Nation Oil & Gas Lease Assignments**

Dear Mr. Lathrop:

This is to follow up on my previous letter to you dated November 16, 2004 and subsequent telephone conversation with you and Mr. Michael Cuba with Stone Energy, L.L.C. At this time, we are ready to proceed with the acquisition of three (3) leases (14-20-604-229, -248 and -270) subject to the review of the Assets Sale Agreement (Agreement) between Stone Energy, L.L.C. and Matrix Production Company. On December 16, 2004, I requested Mr. Cuba, to provide us a copy of the Agreement. Upon receipt of the Agreement, we will hopefully arrange a meeting with you and Mr. Cuba in January, 2005 in Phoenix, Arizona. I will be accompanied by Mr. Wilson Groen, General Manager, Navajo Nation Oil & Gas Company, Inc.

Please do not hesitate to contact me at (928) 871-6587 if you have any questions.

Sincerely,

Akhtar Zaman, Director  
Minerals Department

RECEIVED

JAN 06 2005

DIV. OF OIL, GAS & MINING

AZ:cab

- c: Mr. Michael Cuba, Stone Energy, L.L.C. (303) 685-8000
- Mr. Arvin S. Trujillo, Executive Director, Division of Natural Resources
- Mr. Wilson Groen, General Manager, Navajo Nation Oil & Gas Company, Inc.

Lease 14-20-603-229 includes the following wells:  
Tohonadla #1, Tohonadla #2-35 & Tohonadla #23-35.  
Lease 14-20-603-248 includes well: Desert Creek #2  
Lease 14-20-603-270 includes well: Navajo Tribal 23-1

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
OIL AND GAS PROGRAM

**PHONE CONVERSATION DOCUMENTATION FORM**

Conversation Pertains to:

✓ Copy?

WELL

OTHER

10/27/2004 Operator change from Stone Energy to Matrix effective 6/1/2004 not approved by Navajo Nation

Section

Township

Range

API Number

**Topic of Conversation:** Correction of Operator on BIA leases per Navajo Nation

Date of Phone Call: 2/7/2005

Time: 1:30 pm

DOGM Employee (name): Earlene Russell

✓ Initiated Call?

Spoke with:

Name: Pat Thompson of Matrix and Michael Cuba of Stone Energy

✓ Initiated Call?

Of (company/organization): \_\_\_\_\_

Phone: \_\_\_\_\_

**Highlights of Conversation:**

Pat Thompson - Matrix Production (281) 265-1212 Navajo Nation exercised their rights of refusal for operator change and wouldn't recognize Matrix. (See letters Nov 16, 2004 and Dec 17, 2004.) Matrix has turned wells back to Stone Energy. They reported production for June and July 2004. Matrix considers the transfer never took place and has been refunded the sale funds by Stone Energy. She will keep DOGM apprised of BIA/Navajo decisions.

Michael Cuba - Stone Energy (303) 685-8045 or 1-800-873-2322 Stone is operating the five wells and preparing to transfer them to Navajo Nation Oil & Gas sometime in March, 2005. Mr. Cuba was not aware production was not being reported and will get reports submitted ASAP. He will keep DOGM apprised of transfer progress.

EAR discussed change back to Stone Energy with Don Staley. It was decided to show Stone Energy as operator from Aug 2004 until documents are received showing Navajo Nation Oil & Gas as operator.





STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		6. LEASE DESIGNATION AND SERIAL NUMBER: Various
2. NAME OF OPERATOR: Stone Energy, L.L.C. <i>N1555</i>		8. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1801 Broadway, ste. 700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list		8. WELL NAME and NUMBER: See Attached List
COUNTY: San Juan		9. API NUMBER: Various
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Various
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Stone Energy, L.L.C. has resigned as operator of the wells referenced on the attached Exhibit "A" & "B." Effective date of the change is June 1, 2004.

Navajo Nation Oil and Gas Company, Inc. will be the new operator and will be responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof. Navajo Nation Oil and Gas Company, Inc. operations will be covered by Bond # RLB 0006712.

Navajo Nation Oil and Gas Company, Inc. *N2550*  
By: *W. S. GIBSON*  
Signature: *[Signature]*  
Date: *24 June 2005*  
Navajo Nation Oil and Gas Company, Inc.  
Hwy 264 & Crest Road  
St. Michaels, AZ 86511

NAME (PLEASE PRINT) <u>Treacy Opp</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <i>[Signature]</i>	DATE <u>6/20/2005</u>

(This space for State use only)

APPROVED 7129105  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED  
JUL 08 2005  
DIV. OF OIL, GAS & MINING

**EXHIBIT "A"  
WELLS**

Attached to and made a part of that certain Purchase and Sale Agreement dated effective 7:00 a.m. MT, June 1, 2004,  
by and between Stone Energy, L.L.C., Seller, and Navajo Nation Oil & Gas Company, Inc., Purchaser

API NO.	Well Name	Stone Field Name	State	County	Stone Well No.	Operator Name	Horizon	Well Location			Spacing Unit	BEFORE PAYOUT			AFTER PAYOUT	
								TWP-RGE	SEC	Description		WT BPO	OH NR/BPO	GAS NR/BPO	IF WT/RI CHANGES WT APO	NR APO
43-037-15868	13 DESERT CREEK 2	DESERT CREEK	UT	SAN JUAN	UT4597.01	STONE ENERGY, L.L.C.	PARADOX	41S-23E	35	SE SE	T41S R23E SEC 35: E/2SE/4	0.900000	0.787500	0.787500		
43-037-15540	22 NAVAJO TRIBAL 23-1	TOHONADLA	UT	SAN JUAN	UT4672.01	STONE ENERGY, L.L.C.	PARADOX	42S - 21E	2	NE NE	T42S R21E SEC 2: E/2NE/4	1.000000	0.873446	0.873446		
43-037-15872	23 TOHONADLA 1	TOHONADLA	UT	SAN JUAN	UT4533.01	STONE ENERGY, L.L.C.	PARADOX	41S - 21E	35	SW SE	T41S R21E SEC 35: SE/4	1.000000	0.875000	0.875000		
43-037-31588	24 TOHONADLA 2-35	TOHONADLA	UT	SAN JUAN	UT4534.01	STONE ENERGY, L.L.C.	ISMAY / BARKER / DESERT CREEK	41S - 21E	35	SW NE	T41S R21E SEC 35: NE/4	1.000000	0.875000	0.875000		
43-037-15874	25 TOHONADLA 23-35	TOHONADLA	UT	SAN JUAN	UT4535.01	STONE ENERGY, L.L.C.	PARADOX	41S - 21E	35	NE SW	T41S R21E SEC 35: SW/4	1.000000	0.875000	0.875000		

IT IS THE INTENT OF SELLER / ASSIGNOR TO CONVEY TO PURCHASER / ASSIGNEE ONE HUNDRED PERCENT (100%) OF SELLER'S / ASSIGNOR'S RIGHT, TITLE AND INTEREST INsofar AS IT COVERS THE WELLS AND LEASEHOLD INTEREST AND ALL ACREAGE ATTRIBUTABLE TO THE BIA LEASES ASSIGNED HEREIN.

**EXHIBIT "B"**  
**LEASES**

Attached to and made a part of that certain Purchase and Sale Agreement dated effective at 7:00 a.m. MT, June 1, 2004,  
by and between Stone Energy, L.L.C., Seller, and Navajo Nation Oil & Gas Company, Inc., Purchaser

**PARADOX BASIN PROSPECTS / SAN JUAN COUNTY, UTAH**

Prospect	Type Lease	Excalibur Lease No.	Lessor	Lessee	Lease Date	TWP	RGE	Sec.	Description	Recordation	
										Book	Page
DESERT CREEK	INDIAN	14040-00	BIA 14-20-603-248	SHELL OIL COMPANY	08/05/53	41S	23E	25 26 35 36	ALL ALL ALL ALL	T-7	759
TOHONADLA	INDIAN	14041-00	BIA 14-20-603-229	SHELL OIL COMPANY	08/05/53	41S	21E	25 26 35 36	ALL ALL ALL ALL	12	372
TOHONADLA	INDIAN	14042-00	BIA 14-20-603-270	CARTER OIL COMPANY	09/02/53	42S	21E	1 2	NW/4 NE/4	NA	NA

IT IS THE INTENT OF SELLER / ASSIGNOR TO CONVEY TO PURCHASER / ASSIGNEE ONE HUNDRED PERCENT (100%) OF SELLER'S / ASSIGNOR'S RIGHT, TITLE AND INTEREST INsofar AS IT COVERS THE WELLS AND LEASEHOLD INTERESTS AND ALL ACREAGE ATTRIBUTABLE TO THE BIA LEASES ASSIGNED HEREIN.



7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 7/29/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 7/29/2005
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB0006712

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number n/a
2. The FORMER operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

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**DESIGNATION OF AGENT OR OPERATOR**

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: Navajo Tract 23-1; Tohonadla; Desert Creek  
LEASE NUMBER: 14-20-603-270; 14-20-603-229; 14-20-603-248

and hereby designates

NAME: ST Oil (operator #: 2190)  
ADDRESS: 1801 Broadway, Suite 600  
city Denver state CO zip 80202

as his (check one) agent  operator  with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

Oil Well	API Number				ENTITY
Navajo Tribal 23-1	4303715540	T42S	R21E	Sec 02	6270
Desert Creek No. 2	4303715868	T41S	R23E	Sec 35	
Tohonadla 1	4303715872	T41S	R21E	Sec 35	
Tohonadla 23-35	4303715874	T41S	R21E	Sec 35	
Tohonadla 2-35	4303731568	T41S	R21E	Sec 35	

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 10/1/2005

BY: (Name) Wilson Groen  
(Signature) [Signature]  
(Title) Chief Executive Officer  
(Phone) (928) 871-4880

OF: (Company) Navajo Nation Oil & Gas, Inc. N2550  
(Address) P.O. Box 4439  
Window Rock  
city Window Rock  
state AZ zip 86515

RECEIVED  
JAN 24 2006

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**9/2/2008**

<b>FROM:</b> (Old Operator): N2190-A ST Oil Company 1660 Lincoln St, Suite 2100 Denver, CO 80264 Phone: 1 (303) 296-1908	<b>TO:</b> ( New Operator): N3600-A Genesis ST Operating, LLC 1660 Lincoln St, Suite 2100 Denver, CO 80264 Phone: 1 (303) 296-1908
--------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

**CA No. Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO TR 23-1	02	420S	210E	4303715540	6230	Indian	OW	P
DESERT CREEK 2	35	410S	230E	4303715868	6270	Indian	OW	P
TOHONADLA 1	35	410S	210E	4303715872	11202	Indian	OW	P
TOHONADLA 23-35	35	410S	210E	4303715874	11202	Indian	OW	P
TOHONADLA 2-35	35	410S	210E	4303731568	11202	Indian	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/8/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/8/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2009
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 7073743-0161
- (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ Requested 7/16/09
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA Not Yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 7/16/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/16/2009
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: RLB0006712
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>VARIOUS</b>
<b>2. NAME OF OPERATOR:</b> GENESIS ST OPERATING LLC <i>N3600</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NAVAJO</b>
<b>3. ADDRESS OF OPERATOR:</b> 1660 LINCOLN, STE. 2100 CITY DENVER STATE CO ZIP 80264		7. UNIT or CA AGREEMENT NAME:
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: <b>SEE ATTACHED LIST</b>		8. WELL NAME and NUMBER: <b>SEE ATTACHED LIST</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: <b>VARIOUS</b>
COUNTY: <b>SAN JUAN</b>		10. FIELD AND POOL, OR WILDCAT: <b>VARIOUS</b>
STATE: <b>UTAH</b>		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**DUE TO CORPORATE MERGER, GENESIS ST OPERATING LLC WILL TAKE OVER AS AGENT OPERATOR FROM ST OIL COMPANY EFFECTIVE 9-02-08.**

*Bond No RLB0006712*

*ST OIL COMPANY N2190*

NAME (PLEASE PRINT) <b>SALLIE S. TIPPIE</b>	TITLE <b>MANAGING PARTNER</b>
SIGNATURE <i>Sallie S. Tippie</i>	DATE <b>7/6/09</b>

(This space for State use only)  
**APPROVED 7/16/2009**  
*Earlene Russell*  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician (See Instructions on Reverse Side)

**RECEIVED**  
**JUL 08 2009**  
 DIV. OF OIL, GAS & MINING

EXHIBIT ATTACHED TO SUNDRY NOTICE AND REPORT ON WELLS FOR  
GENESIS ST OPERATING LLC

LEASE DESIGNATION AND SERIAL NO.	TRIBE NAME	WELL NAME AND NO.	API WELL NO.	FIELD	COUNTY	STATE	LOCATION OF WELL
BIA 14-20-603-270	NAVAJO	NAVAJO TRIBAL 23-1	4303715540	TOHONADLA	SAN JUAN	UT	660' FNL & 660' FEL (NE/4NE/4) SEC. 2-T42S-R21E
BIA 14-20-603-229	NAVAJO	TOHONADLA 1	4303715872	TOHONADLA	SAN JUAN	UT	660' FSL & 1980' FEL (SW/4SE/4) SEC. 35-T41S-R21E
BIA 14-20-603-229	NAVAJO	TOHONADLA 23-35	4303715874	TOHONADLA	SAN JUAN	UT	1981' FSL & 1978' FWL (NE/4SW/4 SEC. 35-T41S-R21E
BIA 14-20-603-229	NAVAJO	TOHONADLA 2-35	4303731588	TOHONADLA	SAN JUAN	UT	1550' FNL & 1320' FEL (S-NE) SEC. 35-T41S-R21E
BIA 14-20-603-248	NAVAJO	DESERT CREEK NO. 2	4303715868	DESERT CREEK	SAN JUAN	UT	600' FSL & 660' FEL (SE/4SE/4) SEC. 35-T41S-R23E

RECEIVED

JUL 08 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

ROUTING

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2012

<b>FROM: (Old Operator):</b> N3600A-Genesis ST Operating LLC 1660 Lincoln Street Ste 2100 Denver CO 80264 Phone: 1 (303) 296-1908	<b>TO: ( New Operator):</b> N2550-Navajo Nation Oil & Gas CO Inc 1675 Broadway Ste 1100 Denver CO 80202 Phone: 1 (928) 871-4880
-----------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List (8 wells)								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/22/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/22/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/29/2012
- 4a. Is the new operator registered in the State of Utah: Business Number: 7407010-0147
- 5a. (R649-9-2)Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 2/29/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA Not Yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 2/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/29/2012
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: N/A
- Indian well(s) covered by Bond Number: RLB0006712
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- 3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:** Designation of Agent return operations back to owner.

**DESIGNATION OF AGENT OR OPERATOR**

The undersigned is, on record, the holder of oil and gas lease

**LEASE NAME:** Desert Creek  
**LEASE NUMBER:** Tribal No. 14-20-603-248

**RECEIVED**

**FEB 22 2012**

**DIV. OF OIL, GAS & MINING**

and hereby designates

**NAME:** Navajo Nation Oil & Gas CO., Inc *N2550*  
**ADDRESS:** 1675 Broadway, Suite 1100  
city Denver state CO zip 80202

as his (check one) agent  / operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

Oil Well	API Number	Entity Number
Desert Creek 2	43-037-15868	6270

*Bond = RB0006712*

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

**Effective Date of Designation:** 01/01/2012

**BY:** (Name) Sallie S. Tippie  
(Signature) *Sallie S. Tippie*  
(Title) Managing Partner  
(Phone) (303) 296-1908

**OF:** (Company) Genesis ST Operating LLC *N3600-A*  
(Address) 1660 Lincoln Street, Suite 2100  
city Denver  
state CO zip 80264

**APPROVED** *2129112*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician



Navajo Nations Oil Gas Co. (N2550) to NNOGC Exploration Production, LLC (N3930)  
Effective 8/1/2012

Well Name	Sec	TWP	RNG	API	Entity	Lease	Well Type	Well Status
TOHONADLA 26-OSCAR	26	410S	210E	4303750022		Indian	OW	APD
TOHONADLA 35-F	35	410S	210E	4303750024		Indian	OW	APD
TOHONADLA 2-G	02	420S	210E	4303750027		Indian	OW	APD
TOHONADLA 2-B	02	420S	210E	4303750028		Indian	OW	APD
TOHONADLA 1-C	01	420S	210E	4303750029		Indian	OW	APD
TOHONADLA 2-BRAVO	02	420S	210E	4303750030		Indian	OW	APD
TOHONADLA 1-F	01	420S	210E	4303750031		Indian	OW	APD
TOHONADLA 2-H	02	420S	210E	4303750032		Indian	OW	APD
TOHONADLA 1-Delta	01	420S	210E	4303750033		Indian	OW	APD
TOHONADLA 35-INDIGO	35	410S	210E	4303750034		Indian	OW	APD
TOHONADLA 35-J	35	410S	210E	4303750035		Indian	OW	APD
UTE CANYON 25G-O	25	410S	210E	4303731913	18823	Indian	OW	DRL
TOHONADLA 35-B	35	410S	210E	4303750023	18824	Indian	OW	DRL
UTE CYN 23-INDIGO	23	410S	210E	4303731880		Indian	OW	LA
TOHONADLA 35-P	35	410S	210E	4303731886		Indian	OW	LA
TOHONADLA 1-E	01	420S	210E	4303731887		Indian	OW	LA
TOHONADLA 1-D	01	420S	210E	4303731888		Indian	OW	LA
TOHONADLA 26-O	26	410S	210E	4303731896		Indian	OW	LA
UTE CYN 23-INDIGO	23	410S	210E	4303731911		Indian	OW	LA
NAVAJO TR 23-1	02	420S	210E	4303715540	6230	Indian	OW	P
DESERT CREEK 2	35	410S	230E	4303715868	6270	Indian	OW	P
TOHONADLA 1	35	410S	210E	4303715872	11202	Indian	OW	P
TOHONADLA 23-35	35	410S	210E	4303715874	11202	Indian	OW	P
NAVAJO TRIBAL 23-13	13	400S	240E	4303730971	9420	Indian	OW	P
NAVAJO TRIBAL 14-10	10	400S	240E	4303730977	10130	Indian	OW	P
SAHGZIE 1	05	420S	240E	4303731472	11032	Indian	OW	P
ANASAZI 1	05	420S	240E	4303731478	11042	Indian	OW	P
CAJON MESA 8D-1	08	400S	250E	4303731497	11074	Indian	OW	P
MONUMENT 8N-2	08	400S	250E	4303731509	11087	Indian	OW	P
RUNWAY 10G-1	10	400S	250E	4303731515	11105	Indian	OW	P
LONE MOUNTAIN CREEK 12F-1	12	420S	240E	4303731545	11148	Indian	OW	P
RUNWAY 10E-2	10	400S	250E	4303731550	11128	Indian	GW	P
BLUE HOGAN 1J-1	01	420S	230E	4303731562	11161	Indian	OW	P
TOHONADLA 2-35	35	410S	210E	4303731568	11202	Indian	OW	P
ANASAZI 5L-3	05	420S	240E	4303731572	11207	Indian	OW	P
BROWN HOGAN 1A-2	01	420S	230E	4303731573	11215	Indian	OW	P
MULE 31K (N)	31	410S	240E	4303731617	11326	Indian	OW	P
BURRO 31I	31	410S	240E	4303731708	11496	Indian	OW	P
MULE 31M	31	410S	240E	4303731710	11498	Indian	OW	P
ANASAZI 6H-1	06	420S	240E	4303731744	11773	Indian	OW	P
TOHONADLA 35-P	35	410S	210E	4303750005	11202	Indian	OW	P
TOHONADLA 1-E	01	420S	210E	4303750006	6230	Indian	OW	P
NAVAJO TRIBAL 41-2	02	420S	240E	4303731041	9437	Indian	OW	PA
MONUMENT 17E-2	17	400S	250E	4303731547	11139	Indian	OW	S
RUNWAY 10C-5A	10	400S	250E	4303731597	11152	Indian	OW	S
UTE CYN 23-P	23	410S	210E	4303731881	17282	Indian	OW	S

**NAVAJO NATION OIL & GAS COMPANY**

**EXPLORATION & PRODUCTION LLC**

1675 Broadway, Suite 1100 • Denver, Colorado • 80202

Telephone (303) 534-8300 • FAX (303) 534-1405



September 18, 2012

Utah Division of Oil, Gas and Mining  
c/o Rachel Medina  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

RE: Change of Operator Name and Address for Wells

Dear Rachel,

I am including with this letter several original FORM 9 to change the operator on wells. This probably will be done in two steps.

1. (16 wells) Change of Operator from RIM Southwest Corporation to Navajo Nation Oil & Gas Co.
2. (Same 16 wells) Change of Operator from Navajo Nation Oil & Gas Co. to NNOGC Exploration and Production, LLC.

We have recently registered our LLC with the State of Utah. The Utah Entity Number for NNOGC Exploration and Production, LLC is: 8399948-0165. Also, a new DOGM No. has been applied for for the LLC.

The name and address change is as follows:

OLD: Navajo Nation Oil & Gas Co.  
1675 Broadway, Suite 1100  
Denver, CO 80202  
(DOGM Operator No. N2550)

NEW: NNOGC Exploration and Production, LLC  
1625 Broadway, Suite 1000  
Denver, CO 80202

Should you require any additional information please contact me at 303-534-8300.

Sincerely,

A handwritten signature in black ink that reads "Katie Hynes". The signature is written in a cursive, flowing style.

Katie Hynes  
Associate Landman

RECEIVED  
SEP 19 2012  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
2. NAME OF OPERATOR: Navajo Nation Oil & Gas Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Nation
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1100 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: Various
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Various
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Navajo Nation Oil and Gas Co. has registered its new entity with the State of Utah. The Operator Name and Address change applies to all wells currently operated by DOGM No. N2550 (see attachment).

The Utah Entity Number for the LLC is: 8399948-0165.

The new Entity is:

NNOGC Exploration and Production, LLC  
1625 Broadway, Suite 1000  
Denver, CO 80202

NEW DOGM No. : 3930

Bond No. RLB0006712

Effective: July 10, 2010

NAME (PLEASE PRINT) Lauren Germinario TITLE Land Manager  
SIGNATURE Lauren Germinario DATE 9/14/12  
**APPROVED**

(This space for State use only)

DEC 3 1 2012

RECEIVED

DIV. OIL GAS & MINING  
BY: Rachel Medina

SEP 17 2012

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> See Attached
<b>2. NAME OF OPERATOR:</b> Navajo Nation Oil & Gas Co		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> Navajo Nation
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 5069                      CITY Window Rock                      STATE AZ                      ZIP 86515		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: _____		<b>8. WELL NAME and NUMBER:</b> See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		<b>9. API NUMBER:</b> Various
COUNTY: San Juan		<b>10. FIELD AND POOL, OR WILDCAT:</b> Various
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

The Navajo Nation Oil & Gas Co. has registered its new entity with the State of Utah. The name and address change applies to all the wells that have recently changed from RIM Southwest Corporation to Navajo Nation Oil & Gas Co. (DOGM No. N2550)

The Utah Entity Number for the LLC is: 8399948-0165

Note: A new DOGM No. has been applied for NNOGC Exploration and Production, LLC

Please see the attached list of wells that will now be operated by:

NNOGC Exploration and Production, LLC  
1625 Broadway, Suite 1000  
Denver, CO 80202

All of these wells are covered by Bond No. RLB0006712

Effective: Aug 1, 2012

NAME (PLEASE PRINT) <u>Lauren Germinario</u>	TITLE <u>Land Manager</u>
SIGNATURE <u><i>Lauren Germinario</i></u>	DATE <u>9/18/2012</u>

This space for State use only) **APPROVED**

**DEC 31 2012**

DIV. OIL GAS & MINING

BY: Rachel Medina (See Instructions on Reverse Side)

RECEIVED  
SEP 19 2012  
DIV. OF OIL, GAS & MINING