Watson Oil Co. In 1919 was
located in Watson Ut = the
principal place of business in
Vernal, Ut. (Pres: Cornet V. Dee Hayes)
V. Pres: E.
(per Lee. State's Office)

Scout Report sent out ☐
... in the NID File ☐
... pinned ☐
... Disapproval Letter ☐
... Completed, P. & A. or operations suspended
... location map ☐
... Record of A & P ☐
... est ☐
... tio Test ☐
Well Log Filed

- Scout Report sent out ☑
- Noted in the NID File ☑
- Location map pinned ☑
- Approval or Disapproval Letter ☑
- Date Completed, P. & A. or operations suspended: 3-2-56
- Pin changed on location map ☑
- Affidavit and Record of A & P ☑
- Water Shut-Off Test ☐
- Gas-Oil Ratio Test ☐
- Well Log Filed ☑

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	
Entered On S R Sheet	✓	Copy N I D to Field Office	
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed 3-2-56 Location Inspected RLS. ok

OW....... WW....... TA.......

GW....... OS....... PA ✓

Bond released
State of Fee Land ....

LOGS FILED

Driller's Log 8-1-56

Electric Logs (No.) 7

E ✓ I....... E-I....... GR....... GR-N....... Micro ✓ Run #1 Run #2 Run #3 Run #4

Lat....... Mi-L....... Sonic....... Others Temp. 2 Radioactivity

001

CHEMICAL & GEOLOGICAL LABORATORIES

CHEMISTS GEOLOGISTS ENGINEERS

P. O. BOX 279
CASPER, WYOMING

43-047-10916 PA

#382

WELL RECORD

COMPANY:	Roy Johnson - Watson Oil			FARM:	# 2 Fee (B-1)
LOCATION:	C W½ NW Sec. 34, T. 9S., R. 25E.			STATE:	Utah
FIELD:	Bonanza	COUNTY:	Uintah	T. D.	9504'
ELEVATION:	5035' Df.	PRODUCTION:	Temporarily Abandoned		
COMMENCED:	5/2/51	COMPLETED:	11/10/51		
CASING RECORD:	13 3/8" at 360' with 225 sacks 7" at 8345' with 350 sacks				

Samples begin at 60' in Green River formation

SAMPLE DESCRIPTION

60-90	Shale, gray-green to tan-green, blocky, dolomitic, very carbonaceous.
90-120	Shale, as above, trace dolomite pebbles, pyritic.
120-130	Shale, as above with trace dolomite pebbles, oolitic.
130-140	Shale, cream, very thinly laminated, very dolomitic, carbonaceous.
140-150	Shale, gray-green to olive-green, blocky with partings gritty, micaceous siltstone, carbonaceous.
150-160	Shale, light cream, very finely laminated, carbonaceous, dolomitic with scattered clusters light tan dolomite, oolitic.
160-165	Dolomite, cream, soft, very finely crystalline, very oolitic with large free oolites.
165-190	Shale, gray-green to olive-green, sub-silky, blocky, carbonaceous, interbedded with cream, very finely crystalline, soft, shaly dolomite.
190-205	Shale, as above with oolitic zones that are abundant with ostracods.
205-230	Shale, as above with gritty to finely sandy, minutely micaceous streaks dolomite.
230-240	Sandstone, light gray, fine to very fine, angular, tight, dolomitic, minutely micaceous.
240-260	Shale, gray-green, soft, massive, dolomitic, minutely micaceous, carbonaceous.
260-270	Shale, dark olive-green, blocky, sub-silky, carbonaceous, dolomitic, interbedded with cream oolitic dolomite, soft, very finely sucrose crystalline.
270-280	No samples.
280-310	Shale, as above with scattered clusters ostracods.
310-330	Shale, gray-green, dolomitic with scattered clusters black ostracods.
330-340	Shale, as above with some salt and pepper, micaceous sandstone streaks, shale carbonaceous.
340-360	Shale, gray-green to brownish-green, carbonaceous, blocky, sub-silky.
360-370	Shale, dark brownish-green, silky, carbonaceous, semi-platy.

370-380	Shale, light tan to brownish-green, very dolomitic with ostracod clusters, carbonaceous.
380-400	No samples.
400-430	Shale, gray-green to brownish-green, slightly dolomitic, carbonaceous.
430-435	Dolomite, cream, very finely sucrose crystalline, chalky, carbonaceous, abundant ostracods.
435-450	Shale, as above with scattered large rounded dolomite pebbles.
450-498	Shale, as above, no dolomite pebbles.
498-500	Coquina, ostracodal.
500-530	Shale, pale gray-green, soft, massive, bentonitic, dolomitic.
530-540	Shale, as above, some finely sandy.
540-565	Shale, gray-green, sub-silky, semi-platy, carbonaceous, slightly dolomitic, minutely micaceous.
565-580	Sandstone, light gray, fine, angular, micaceous, dolomitic, interbedded with shale, as above with free light tan, smooth, flat, small dolomite pebbles.
580-605	No dolomite pebbles.
605-630	Shale, as above, some finely sandy.
630-635	Shale, light tan-green, very carbonaceous, thinly laminated.
635-660	Shale, gray-green to black-green, very carbonaceous, silky, massive, dolomitic, firm.
660-670	Shale, as above, some finely laminated with scattered dolomitic shale pebbles, flat, rounded, small.
670-690	Shale, light tan-green to gray-green, silky, blocky, dolomitic, some material as above, pebbles.
690-715	Sandstone, light tan-gray, finely medium, angular, micaceous, medium porous, salt and pepper, slightly calcareous with light gas stain, some black carbonaceous plant fragment.
715-800	Shale, gray-green to brownish-green, sub-silky, dolomitic, carbonaceous.
800-820	Shale, gray-green to dark brownish-gray, carbonaceous with abundant black carbonaceous inclusions and partings, slightly dolomitic.
820-830	Shale, gray-green, silky, slightly dolomitic, carbonaceous, minutely micaceous, massive.
830-900	Shale, as above, some brownish-green, very carbonaceous, ostracodal.
900-940	Shale, gray-green, silky, slightly carbonaceous.
940-955	Sandstone, white to light gray, finely medium, angular, slightly micaceous, shaly, dolomitic cementing material, tight.
955-1000	Shale, gray-green, dolomitic.
1000-1025	Sandstone, as above, thinly interbedded with shale, as above.
1025-1040	Shale, brownish-green, massive, very carbonaceous, dolomitic with abundant fossils (brachiopods, fish scales, ostracods, etc.)
1040-1060	Shale, as above, limey, fossiliferous.
1060-1090	Marl, coquina, light tan, soft, made up almost entirely of ostracods, carbonaceous, interbeds shale, as above.
1090-1100	Marl, as above, oolitic.
1100-1120	Marl, light tan, very oolitic.
1120-1140	Shale, dark brownish-gray-green, very carbonaceous, slightly calcareous, fossiliferous, streaks tan-brown ostracod coquina.

1140-1150	Shale, as above with partings coal.
1150-1170	Shale, gray-green, silky, massive, calcareous with imbedded small pyrite crystals.
	Schlumberger Top of Wasatch 1155'
1170	TOP OF WASATCH
1170-1190	Shale, variegated, soft, massive, bentonitic.
1190-1200	Shale, as above, very sandy.
1200-1230	Shale, variegated, massive, soft, bentonitic, scattered variegated shale pebbles.
1230-1250	Sandstone, light gray, finely medium, angular, micaceous, salt and pepper with shaly calcareous cementing material, tight.
1250-1263	Sandstone, as above, medium, sub-angular.
1263-1270	Shale, pale gray-green, bentonitic.
1270-1280	Sandstone, light gray, finely medium, angular, salt and pepper, calcareous, tight.
1280-1290	Shale, variegated, massive, bentonitic.
1290-1300	Shale, pale gray-green, gritty, calcareous, massive.
1300-1350	Shale, variegated, massive, soft, bentonitic.
1350-1380	Shale, as above with sandstone stringers as above.
1380-1390	Shale, as above with streaks light brown, dense, fresh water limestone.
1390-1400	Shale, light green, sandy, calcareous.
1400-1440	Shale, variegated, as above.
1440-1450	Shale, as above, sandstone partings as above.
1450-1480	Shale, as above, no sandstone.
1480-1490	Shale, dark gray to gray-green, massive, slightly calcareous.
1490-1495	Sandstone, white, finely medium to medium, angular, tight, salt and pepper, calcareous, pink grains and green shale inclusions.
1495-1510	Shale, variegated, sandy.
1510-1565	Sandstone, as above, limey, interbedded with green, finely sandy, calcareous shale.
1565-1580	Shale, gray-green, silky, minutely micaceous, slightly calcareous.
1580-1610	Shale, dark olive-green.
1610-1615	Limestone, lavender-brown, dense to finely crystalline.
1615-1630	Shale, as above.
1630-1640	Shale, variegated with partings light gray, salt and pepper sandstone, finely medium to medium, sub-angular, tight, calcareous.
1640-1670	Shale, blue-green to olive-green with thin streaks light brown, dense, soft limestone.
1670-1680	Shale, variegated, massive, soft.
1680-1700	Limestone, tan-brown, dense.
1700-1715	Shale, gray-green to dark olive-green, calcareous.
1715-1720	Sandstone, light gray, finely medium, angular, tight, limey, salt and pepper with pink grains and green shale specks, slightly micaceous.
1720-1730	Shale, variegated, massive, soft, bentonitic.
1730-1765	Shale, gray-green, calcareous with thin streaks limestone, as above.
1765-1770	Shale, as above, very sandy.
1770-1785	Shale, highly variegated, silky, somewhat platy.
1785-1795	Sandstone, cream, fine to finely medium, well-sorted, angular, fairly porous, few splotches tripolite.

1795-1810	Shale, variegated, soft, gritty to sandy.
1810-1820	Shale, greenish-gray, massive, soft, bentonitic.
1820-1830	Shale, as above, sandy.
1830-1850	Shale, as above, non-sandy.
1850-1853	Sandstone, light gray, fine, tight, calcareous, salt and pepper.
1853-1865	Shale, as above with some lavender shale.
1865-1880	Sandstone, white, medium, sub-angular, salt and pepper, tight, tripolitic, interbedded with variegated shale.
1880-1890	Shale, as above, sandy.
1890-1925	Sandstone, white, medium, sub-angular, salt and pepper, tight, calcareous, interbedded with variegated shale.
1925-1935	Sandstone, as above, tripolitic, non-calcareous, interbeds shale, gray-green to dark gray with inclusions black carbonaceous material and coal.
1935-1965	Shale, variegated with streaks sandstone, light gray, fine to finely medium, angular, tight, salt and pepper.
1965-1985	Sandstone, white, medium, angular, tight, calcareous, tripolitic, salt and pepper with inclusions and partings black coaly material.
1985-1990	Sandstone, light gray, fine, angular, salt and pepper, tight, calcareous.
1990-2003	Shale, gray-green with black carbonaceous inclusions, interbedded with sandstone, as above, medium.
2003-2045	Shale, as above, sandy.
2045-2070	Sandstone, white, medium, sub-angular, salt and pepper, tight, calcareous, tripolitic with pink and green grains, interbedded with gray-green shale which contains fresh water ostracods and plant fragments, carbonaceous.
2070-2105	Sandstone, white, medium, angular, salt and pepper, calcareous, friable, minutely micaceous with few coaly inclusions.
2105-2115	Shale, gray-green to dark gray, sandy, some black carbonaceous inclusions.
2115-2140	Shale, as above, non-sandy.
2140-2150	Shale, as above, sandy.
2150-2175	Shale, as above, non-sandy with some variegated shale.
2175-2185	Sandstone, white, medium, salt and pepper, tight, calcareous, interbeds gray-green shale with black carbonaceous inclusions.
2185-2195	Shale, variegated with black carbonaceous inclusions.
2195-2210	Sandstone, as above.
2210-2250	Shale, gray-green, black carbonaceous inclusions, some sandy.
2250-2270	Sandstone, white, medium, angular, salt and pepper, tripolitic, soft, friable, tight, interbeds shale, as above.
2270-2280	Shale, variegated, some sandy.
2280-2290	Sandstone, as above, faint oil stain.
2290-2313	Shale, dark greenish-gray, scattered black coaly inclusions, interbeds sandstone, as above, faint oil stain.
2313-2325	Shale, as above, some variegated shale.
2325-2335	Sandstone, as above, faint oil stain.
2335-2380	Shale, variegated with interbeds sandstone, as above, faint oil stain.
2380-2385	Shale, black, carbonaceous.
2385-2390	Sandstone, light gray, finely medium, sub-angular, shaly, calcareous, tight with light oil stain.

2390-2395	Shale, variegated with streaks sandstone, as above, no oil stain.
2395-2410	Shale, variegated, some black carbonaceous plant fragments.
2410-2420	Sandstone, as above, interbedded with gray-green shale.
2420-2455	Shale, gray to gray-green, sandy, calcareous, streaks sandstone as above.
2455-2460	Shale, dark gray to black, coal inclusions.
2460-2470	Shale, variegated, sub-silky.
2470-2495	Sandstone, white, finely medium to medium, sub-angular, salt and pepper, very tripolitic, some pink grains and green shale specks, tight.
2495-2510	Shale, gray-green to black, some carbonaceous.
2510-2520	Shale, variegated.
2520-2565	Sandstone, light gray, finely medium, sub-angular, salt and pepper, tight, calcareous, faint oil stain, interbeds variegated shale.
2565-2570	Shale, as above, coaly inclusions.
2570-2575	Shale, dark gray-green.
2575-2580	Sandstone, light gray, fine to finely medium, angular, salt and pepper, somewhat shaly, tight, calcareous, faint oil stain, coaly partings.
2580-2600	Shale, gray-green to black carbonaceous, sandy.
2600-2610	Sandstone, as above, light oil stain.
2610-2620	Shale, dark gray-green to dark gray, sub-silky, few carbonaceous black coaly inclusions.
2620-2630	Shale, as above, some sandy.
2630-2635	Shale, variegated with streaks white soft bentonite, tan dense limestone and white, medium, calcareous, tripolitic, tight sandstone.
2635	TOP OF MESA VERDE
2635-2670	Sandstone, light gray, fine to finely medium, angular, well-sorted, slightly porous, slightly calcareous, sucrose, slightly salt and pepper.
2670-2675	No samples.
2675-2680	Sandstone, as above, finely medium to medium, tripolitic, black coaly partings.
2680-2690	Shale, dark gray, some sandy streaks, black coaly inclusions.
2690-2710	No samples.
2710-2730	Shale, dark gray, massive, minutely micaceous, slightly carbonaceous.
2730-2755	Shale, as above with coal partings.
2755-2765	No samples.
2765-2775	Shale, as above.
2775-2790	Sandstone, light gray, fine to finely medium, angular, salt and pepper, calcareous, tight.
2790-2800	Sandstone, as above, finely medium to medium, tripolitic, slightly calcareous.
2800-2815	Sandstone, as above, few thin partings coal, micaceous.
2815-2830	Shale, light gray, very soft, sandy, bentonitic.
2830-2840	Shale, dark gray to black, coaly, carbonaceous.
2840-2850	Shale, gray to dark gray, sandy.
2850-2870	Sandstone, light gray, fine to finely medium, sub-angular, salt and pepper, tight, very calcareous, slightly calcareous, some coaly partings.
2870-2890	Shale, dark gray to black with interbeds sandstone, as above.
2890-2920	Shale, gray to dark gray, black carbonaceous inclusions, trace coal.
2920-2922	Sandstone, light gray to white, fine, angular, few black coaly specks, tight to slightly porous.

2922-2940	Sandstone, as above, finely medium, tight.
2940-2942	Limestone, tan-gray, very finely crystalline, tight.
2942-2950	Shale, gray to dark gray.
2950-2955	Sandstone, as above.
2955-2990	Sandstone, white, finely medium, sub-angular, salt and pepper, calcareous, tight.
2990-3000	Shale, gray to black, coaly.
3000-3100	Shale, as above, some thin coal streaks, some of shale, soft, bentonitic with black carbonaceous plant fragment.
3100-3110	No samples.
3110-3190	Shale, dark gray, minutely micaceous, massive with partings and inclusions coal, trace pyrite. DST 3090'-3270' open 75 minutes, slight blow, recovered 20" light oil and gas cut mud DST 3160'-3290' open 1 hour, recovered 30' mud
3190-3200	No samples.
3200-3220	Shale, as above.
3220-3260	Shale, as above, soft, bentonitic with scattered blue-white bentonite inclusions.
3260-3290	Shale, as above with few partings white, fine to finely medium sandstone with coaly veins and inclusions.
3290-3300	No samples.
3300-3310	Sandstone, light gray, finely medium, sub-angular, tight, slightly calcareous, salt and pepper, very faint oil stain, thin interbeds and partings black shale and coal.
3310-3330	Shale, dark gray, some gritty with thin seams coal.
3330-3350	Sandstone, as above, no oil stain, interbeds dark gray coaly shale.
3350-3353	Coal.
3353-3365	Sandstone, light gray, fine, angular, tight, slightly salt and pepper, some coaly inclusions, interbedded with dark gray coaly shale.
3365-3370	Sandstone, cream, finely medium, salt and pepper, tight, very slightly calcareous with faint oil stain, coal interbeds.
3370-3373	Sandstone, as above, tight, no oil stain.
3373-3385	Shale, dark gray to black, coaly.
3385-3395	No samples.
3395-3410	Shale, dark gray to black, finely sandy, carbonaceous with some streaks finely medium, angular, tight, coaly, oil stained sandstone.
3410-3450	Sandstone, white, finely medium, salt and pepper, tight to slightly porous, some spotted faint oil stain, interbeds dark gray to black coaly shale.
3450-3460	No samples.
3460-3470	Sandstone, white, medium, calcareous, salt and pepper, tripolitic, coal interbeds.
3470-3480	No samples.
3480-3525	Sandstone, as above, interbeds black carbonaceous shale and coal.
3525-3535	No samples.
3535-3570	Sandstone, white, finely medium, angular, salt and pepper, tight, slightly calcareous, interbeds black coaly shale and coal.
3570-3585	Shale, dark gray, coaly, finely sandy to gritty.
3585-3590	Sandstone, light gray, fine, angular, tight, slightly salt and pepper, minutely micaceous.

3590-3595	Shale, as above.
3595-3622	Sandstone, white, finely medium, angular to sub-angular, salt and pepper, tight to medium porous, slightly calcareous, partings and inclusions coaly material, some pink grains, interbeds black coaly shale.
3622-3635	Shale, dark gray, carbonaceous, finely sandy, trace coal.
3635-3640	Shale, light gray, finely medium, angular, salt and pepper, black coaly partings, tight to slightly porous, faint oil stain.
3640-3650	Shale, as above.
3650-3680	Sandstone, as above, slightly calcareous, faint oil stain, interbeds black coaly shale with coal partings.
3680-3690	Shale and coal, as above with streaks very soft, light gray bentonite.
3690-3695	Sandstone, light gray, fine to finely medium, angular, tight, slightly calcareous, slightly salt and pepper.
3695-3715	No samples.
3715-3730	Shale, black to dark gray, few coal partings.
3730-3760	Shale, as above, some fine sandstone partings, scattered coal partings and streaks.
3760-3765	Sandstone, light gray, finely medium, angular, salt and pepper, tight to slightly porous.
3765-3775	Shale, dark gray, coaly.
3775-3785	No samples.
3785-3800	Shale, as above.
3800-3875	Sandstone, light gray, fine to finely medium, angular, tight, slightly salt and pepper, some coal partings, interbeds dark gray coaly shale with coal partings.
3875-3890	No samples.
3890-3900	Shale, dark gray to black, carbonaceous.
3900-3910	Sandstone, white, finely medium to medium, sub-angular, salt and pepper, tight, tripolitic, pink grains.
3910-3915	Shale, dark gray, carbonaceous.
3915-3925	Sandstone, as above, calcareous, grading to medium grained.
3925-3935	Sandstone, as above, non-calcareous with green shale specks.
3935-3960	Shale, gray to dark gray, finely sandy, interbeds gray, tight, angular, calcareous, fine sandstone, slightly salt and pepper.
3960-3980	Sandstone, as above, non-calcareous.
3980-3990	Shale, dark gray to black carbonaceous with partings and seams coal.
3990-4030	Sandstone, white, finely medium, angular, salt and pepper, coal partings and inclusions medium porous, interbedded with black coaly shale and coal.
4030-4080	Sandstone, gray, finely medium, sub-angular, tight, salt and pepper with coal partings, interbedded with black gritty shale, carbonaceous.
4080-4110	Shale, dark gray, carbonaceous, granular to silky.
4110-4135	Shale, as above with coal inclusions.
4135-4140	Shale, dark brown, dense, dolomitic.
4140-4150	Shale, dark gray, as above.
4150-4160	Shale, as above, sandy.
4160-4185	Sandstone, gray, very fine, tight, dolomitic, salt and pepper, thinly interbedded with dark gray shale.
4185-4200	Shale, dark gray to black, minutely micaceous, some finely sandy.
4200-4205	Sandstone, dolomitic, as above.
4205-4215	Shale, as above.

4215-4240	Shale, dark gray to black, silky.
4240-4255	Shale, dark brownish-gray, very dolomitic, hard, trace coal.
4255-4275	Shale, dark gray to black with partings coal and sandstone, light gray, finely medium, angular, salt and pepper, porous.
4275-4305	Sandstone, white, finely medium to medium, angular, salt and pepper, slightly porous, slightly tripolitic, slightly calcareous, some pink grains, few coaly inclusions, interbedded with dark gray to black shale, some coaly.
4305-4410	Sandstone, light gray, fine, angular, salt and pepper, tight, calcareous, thin interbeds black to dark gray carbonaceous shale.
4410	TOP OF MANCOS
4410-4445	Shale, dark gray to black, blocky with coal inclusions.
4445-4460	Shale, as above, sandy with few fine sandstone laminations, calcareous.
4460-4500	Shale, dark gray to black, blocky with coal inclusions.
4500-4600	No samples.
	DST 4550'-4756' open 1/2 hour, recovered 30' slightly gas cut mud
4600-4675	Shale and coal, as above with streaks coal.
4675-4760	Shale, as above, streaks bentonite.
4760-4850	Shale, dark gray to black.
4850-4880	Shale, as above, few thin streaks bentonite.
4880-4895	Shale, as above with partings fine, white, salt and pepper sandstone.
4895-4910	Shale, as above, non-sandy.
4910-4930	No samples.
4930-4940	Shale, as above.
4940-4950	Shale, as above, some coal inclusions.
4950-4960	Shale, as above with some light gray, fine, salt and pepper sandstone partings.
4960-4985	Shale, dark gray to black with thin coal streaks.
4985-4995	Shale, as above, thin streaks bentonite.
4995-5100	Shale, as above, some sandy.
5100-5170	Shale, as above with partings white, fine, salt and pepper sandstone.
5170-5195	Shale, dark gray to black.
5195-5210	Sandstone, light gray, finely medium to medium, angular, tight to slightly porous, salt and pepper, slightly calcareous, green shale inclusions, some pink grains, some black shale partings.
5210-5315	Shale, dark gray with abundant partings sandstone, fine, gray, salt and pepper, tight.
5315-5320	Shale, as above, no sandstone partings.
5320-5335	Shale, as above with sandstone partings.
5335-5350	Sandstone, white, finely medium, angular, salt and pepper, tight, slightly calcareous, few green shale specks, interbedded.
5350-5425	Shale, as above with sandstone partings.
5425-5565	Sandstone, white, fine to finely medium, angular, salt and pepper, tight, interbedded with dark gray to black shale, some finely sandy.
5565-5750	Shale, dark gray to black with thin laminations and partings sandstone, as above.
5750-5800	Shale, as above, no sandstone partings.
5800-5940	Shale, as above with few thin sandstone partings.
5940-5995	Shale, as above, no sandstone.

5995-6180	Shale, as above, few sandstone partings.
6180-6460	Shale, as above, no sandstone.
6460-6480	Shale, as above, thin sandstone partings.
6480-6520	Shale, dark gray to black with thin streaks bentonite.
6520-6540	No samples.
6540-7450	Shale, dark gray to black, blocky, minutely micaceous.
7450-7470	No samples.
7470-7560	Shale, as above.
7560-7580	Shale, as above with few veins and inclusions pyrite.
7580-7970	Shale, as above, no pyrite.
	DST 7994'-8019' packer failed
7970-8026	Shale, as above with scattered fibrous aragonite.
8026-8060	Shale, as above, some finely sandy.
8060-8195	Shale, dark gray to black, scattered pyrite crystal clusters and fibrous aragonite inclusions.
	DST 8075'-8423' open 1 hour, shut-in 15 minutes, recovered 300' drilling mud
8195-8197	Limestone, brown, very finely crystalline.
8197-8210	Shale, as above, some imbedded fibrous aragonite.
8210-8235	Shale, black, silky, slightly carbonaceous, slightly micaceous.
8235-8330	Shale, dark gray to black, blocky, minutely micaceous, scattered fibrous aragonite.
8330	TOP (?) OF FRONTIER
8330-8380	Shale, dark gray to black with thin partings and ribbons fine, light gray, angular, tight, salt and pepper sandstone with few green shale specks, fibrous aragonite inclusions in shale, scattered small orange and white small chert pebbles, free, rounded, smooth, well-worn and some ochre shale pebbles, small, flat, well-worn.
8380-8400	Shale, black, blocky.
8400-8415	Shale, dark gray to black, minutely micaceous, blocky to splintery, scattered fibrous aragonite inclusions.
8415-8425	Shale, as above with some small free chert pebbles, as above and few ochre limestone pebbles, oolitic, rounded.
8425-8440	Shale, as above, some finely sandy and calcareous.
8440-8460	Shale, black, silky, minutely micaceous.
8460-8482	Sandstone, gray-brown, greasy, fine, angular, tight, calcareous, finely salt and pepper, interbeds shale, as above.
8482-8518	No samples.
8518-8530	Shale, black, silky, minutely micaceous.
8530-8540	Sandstone, tan, finely medium to medium, angular, tight, glassy, slightly pyritic, slightly calcareous, gastropod shell fragments imbedded, interbedded with shale, as above.
8540-8560	Shale, as above.
8560-8572	No samples.
8572-8584	Shale, as above.
	Schlumberger Top of Dakota 8584'
8584	TOP (?) OF DAKOTA
8584-8748	No samples.
8748-8750	Shale, black.
8750	TOP OF LAKOTA
8750-8757	Sandstone, tan, fine to finely medium, angular, tight, greasy lustre, trace pyrite, very faint oil stain.

DST 8752'-8760' open 45 minutes, recovered 8' drilling mud, FP 200#

cored 8760'-8769'

8757-8760	Sandstone, white, medium to sub-coarse, rounded, frosted, loosely consolidated but tight where cemented.
8760-8805	Sandstone, white, finely medium to sub-coarse, sub-rounded, porous, tripolitic, conglomeratic with large coarse inclusions black and gray pitted rounded chert pebbles.
8805-8810	Sandstone, greenish-tan, fine, quartzitic, tight, glassy.
8810	TOP OF MORRISON
8810-8820	Shale, pale greenish-gray and tan-oohre, soft, splintery.
8820-8840	Shale, pale green, sub-silky, massive to semi-splintery.
8840-8865	Shale, as above, some siliceous, trace blue-white mottled chert, some of shale, slightly sandy.
8865-8870	Dolomite, tan, dense.
8870-8875	Shale, variegated, hard, massive, dense.
8875-8895	Dolomite, as above with interbeds variegated shale.
8895-8900	Limestone, light gray to red-pink, very finely crystalline, interbedded with light green shale, splintery.
8900-8920	Shale, variegated, hard, calcareous, some sandy, interbedded with tan-gray dense limestone.
8920-8925	Limestone, white and brown, mottled, crystalline.
8925-8935	Limestone, as above, sandy.
8935-8945	Shale, variegated, siliceous, hard, sandy with scattered variegated chert.
8945-8950	Shale, black.
8950-8955	Shale, variegated, cherty as above.
8955-8960	Sandstone, white, medium to sub-coarse, angular, tight, very tripolitic with abundant chert.
8960-8985	Shale, variegated, sandy.
8985-9000	Shale, as above, some calcareous.
9000-9005	Sandstone, white, finely medium, sub-angular, tight, glassy, limey with scattered pink grains.
9005-9027	Shale, as above.
9027-9070	Limestone, white to tan-gray, dense, interbedded with shale, as above.
9070-9085	Shale, variegated.
9085-9110	Sandstone, pale green, quartzitic, tight, glassy, interbeds variegated shale.
9110-9130	Shale, variegated with thin streaks dark brown dense limestone.
9130-9133	Quartzite, green, glassy, tight.
9133-9135	Limestone, pale gray-green to dark brown, dense to finely crystalline.
9135-9140	Quartzite, as above, calcareous.
9140-9170	Shale, variegated with gray-brown dense limestone interbeds.
9170-9185	Sandstone, light tan, fine, quartzitic, tight, calcareous, some thin interbeds variegated shale.
9185-9193	Sandstone, as above, medium grained.
9193-9197	Shale, variegated with gray-brown dense limestone interbeds.
9197-9205	No samples.

9205-9215	Shale, variegated, siliceous, glassy, sandy, slightly calcareous.
9215-9220	Quartzite, pale green to tan, glassy, tight, calcareous.
9220-9230	Shale, as above.
9230-9250	Sandstone, light tan, finely medium to medium, sub-angular, tight, some glassy, slightly calcareous.
9250-9270	Shale, variegated, some glassy, sandy, thin streaks sandstone, as above.
9270-9280	Sandstone, light tan, fine, angular, tight, slightly calcareous, interbedded with variegated shale.
9280-9290	Sandstone, cream, medium, angular, glassy, tight, slightly calcareous, salt and pepper.
9290-9315	Shale, variegated with thin streaks dark brown dense limestone.
9315-9345	Sandstone, as above, thinly interbedded with shale, as above.
9345-9350	Sandstone, white, medium-coarse, angular, abundant black chert inclusions, tight.
9350-9370	Shale, variegated with interbeds cream sandstone, finely medium, angular, tight, slightly calcareous.
9370-9375	Sandstone, white, medium-coarse, angular, abundant black chert inclusions, tight.
9375-9400	Shale, variegated with interbeds finely medium sandstone, tight, slightly calcareous, sub-angular, some green shale specks.
9400-9425	Shale, variegated, slightly sandy.
9425	TOP (?) OF ENTRADA
9425-9440	Sandstone, salmon, sub-angular to sub-rounded, tight, some pink grains, slightly calcareous.
9440-9455	Shale, variegated with interbeds sandstone, as above.
9455-9493	Sandstone, white, finely medium, sub-angular, tight, calcareous, some pink grains and green shale specks.
9493-9504	Sandstone, tan-red to red, fine, dolomitic, tight, quartzitic, hard.
9504	Total depth.

January 1, 1952

FORMATION RECORD AND WELL DATA

ROY M. JOHNSON, ET AL.
WATSON FEE #2 WELL

Center of W½ of NW¼ Sec. 34 T 9 S R 25 E.
UINTAH COUNTY, UTAH.

WELL COMMENCED 5/2/51
DERRICK FLOOR ELEVATION 5032'. Plane Table Survey.
TOTAL DEPTH 9504'. Shut Down 10/30/51. To be drilled to Weber Sand as ultimate objective.
CASING RECORD: 13 5/8" O.D. Casing - 359'.
7" O.D. - 26# and 24#. - J.55 - N 80 - NEW - 8345'.
TYPE MUD USED: 12.4# - 12.5# weighted bentonite mud below 1230' account high pressure gas. Hole would clean out if mud lighter than 12.2 used.

F O R M A T I O N T O P S

From Schlumberger Electrical Log and Sample Determinations.

SURFACE FORMATION:
Well commenced in Green River Formation approximately 900' below top of Evacuation Creek limestone. 350' below top of Mahogany Marker, and 180' above first oolitic and ostracodal limestone of Garden Gulch Member of the Green River Formation.

BASE OF OOLITIC AND OSTRACODAL LIMESTONE ZONE:
500'. (Garden Gulch Member).

SULPHUR WATER SAND:
438' - 448'. Last water sand found in hole.

LOWER GREEN RIVER OIL SAND ZONE:
960' - 980'. Tested in Watson #3 well, located approximately 900' south of Watson #2 well - producing 22 gravity oil, pourpoint 55°.

TOP BASAL GREEN RIVER LIMESTONE:
1084'. Oolitic, ostracodal limestone, fossiliferous. Clam and Turritella bearing on outcrop. Bed "H" of mapped surface section. Base of Lime - 1130'.

TOP OF WASATCH FORMATION:
1220' - 1268'. (high pressure gas bearing).

WASATCH HIGH PRESSURE GAS SAND:
2070' - 2108'.

TOP MESA VERDE FORMATION:
2230'. First coal bed. First coal bearing zone 2230' - 2498'. Second coal bearing zone 3090' - 3298'. Basal sand (Rim Rock Sand) 4260' - 4410'. (gas bearing).

TOP MANCOS SHALE:
4410'. Upper Mancos sand zone (Morapos) 5180 - 5548'.

TOP FRONTIER FORMATION:
8395'. First trace coal 8395'. First brown, concretionary limestone 8430'.

TOP DAKOTA SANDSTONE:
8745'. Tested dry. Slight blow odorless, non inflamable gas.

TOP MORRISON FORMATION:
8810'. First green shale in sample - 8815'.

TOP CURTIS FORMATION:
9315'. First glauconite in sample - 9315'.

TOTAL DEPTH:
9504'. Probably just above Entrada sandstone.

Top Sh. Brk (Cw) 11,215 Cmod 11,990
Top Je 9570 Top Carmel 9762 Top Jurassic Glen Rock Lm

Form OGCC-1

002

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
NOTICE OF INTENTION TO DRILL

November 16, 19 55

Oil and Gas Conservation Commission:

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of deepening/~~drilling~~ well No. B-1, which is located 600 ft from (N)(S) line and 300 ft from (E)(W) line of NW ¼ NW ¼ of Sec 34, Twp 9S, R 25E, Salt Lake (Meridian), WATSON (Field or Unit)

Uintah (County) LAND: Fee and Patented ( ) State ..... (X) Public Donain.... ( )

Name of Owner _____

Address _____

_____ Phone _____

Note: Well formerly known as: Roy M. Johnson #8 Watson & was drilled to TD 9504'. 13-5/8" Csg. set at 359'. 7" Csg. set at 8345'.

Lease No. _____

Lease No _____

Is Location a regular or exception to spacing rule ? _____ Has surety bond been filed? _____

With whom ? _____ (State or Federal) ? Area in drilling Unit _____ Elevation of ground above sea level is 5037.7 ft. All depth measurements taken from top of Derrick Floor (Derrick Floor, Rotary Table or Kelley Bushing) which is (5048) 10.3 Ft above ground. Type of tools to be used Rotary

Proposed Drilling depth 11,400 t. Objective formation Weber

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight Per Foot	Grade and Type	Amount Ft. In.	Top	Bottom	Cementing Depths
5" OD	18#	N-80 Hydril FJ	3200			

REMARKS (use back of form for additional remarks or info)

AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

Approved _____ Date Nov 18 19 55

By _____

Title Secretary

By R. L. Schatz

R. L. Schatz

District Foreman
(Title or Position)

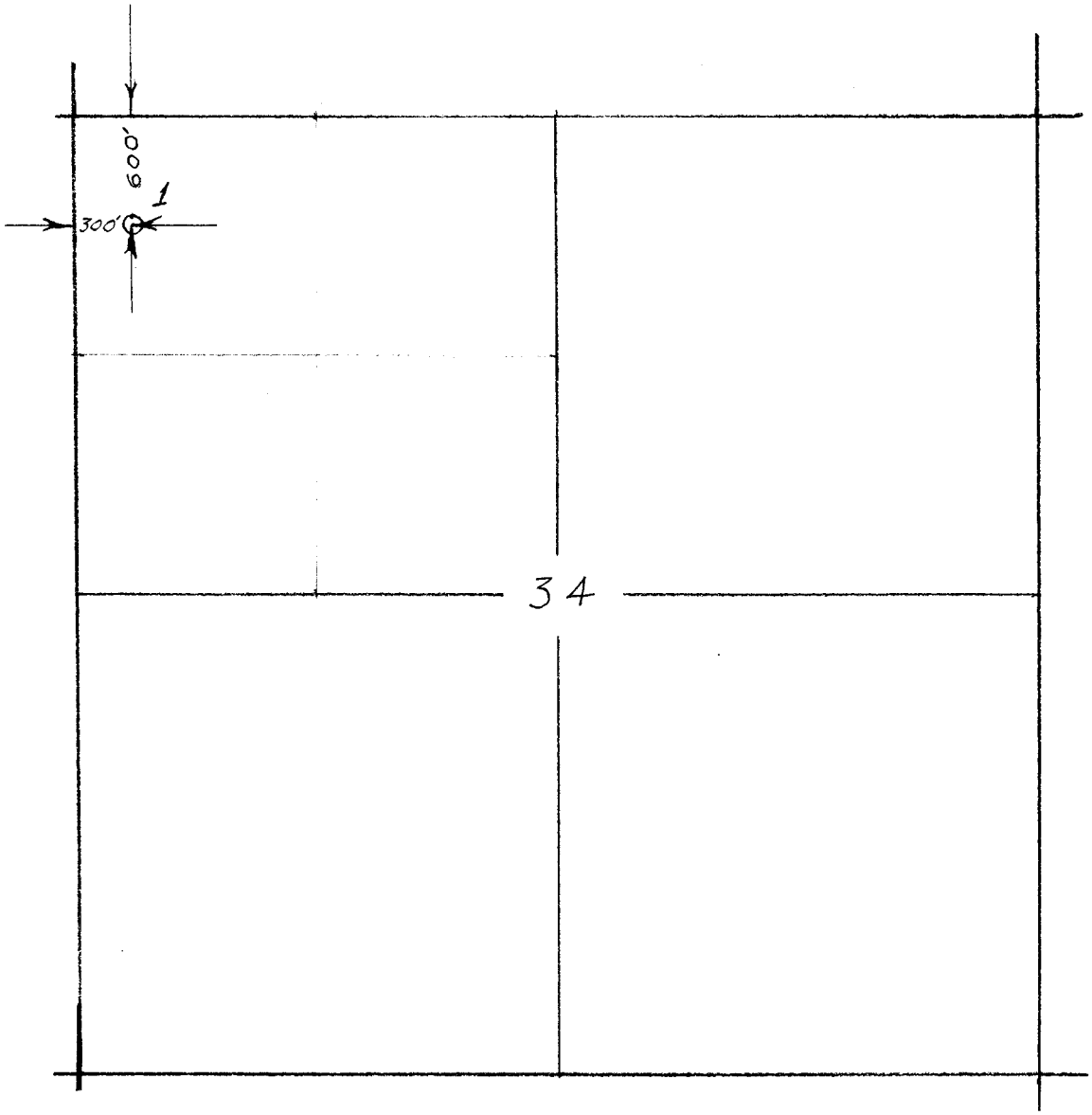
Phillips Petroleum Company
(Company or Operator)

Address Rangely, Colorado

INSTRUCTIONS:

1. Complete this form in Duplicate and mail, both copies to the Oil and Gas Conservation Commission, Rm 105, Capitol Bldg., Salt Lake City 14, Utah.
2. A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the commission as soon as available.

WATSON B-1
Sec. 34-9S-25E-Uintah Co., Utah



003

November 18, 1955

AIR MAIL

R. L. Schats, District Foreman
Phillips Petroleum Company
Rangely, Colorado

Dear Sir:

Receipt is acknowledged of your notice of intention to deepen Well No. B-1, which is located 600 feet from the north line and 300 feet from the west line of Section 34, Township 9 South, Range 25 East, SLM, Uintah County.

Please be advised that approval to deepen said well is granted as requested.

Yours very truly,

OIL AND GAS CONSERVATION COMMISSION

LEE E YOUNG
SECRETARY

cc: D. Russell
Geological Survey
Federal Bldg, City

004

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE- The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole.

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) The hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County Uintah

Lease Name Watson Well No. B-1 Sec. 34 Twp. 9S Rge. 25E

Date well was plugged March 2, 19 56.

Was the well plugged according to regulation of the Commission? Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole (giving size, top and bottom elevations of each section of abandoned casing). Depths measured from RKB., Ground Elevation 5038, RKB Elevation 5050.

Cement plugs spotted through open ended drillpipe or tubing. Fifty foot cement plugs placed at the top of all Formations capable of producing fluid. Regular cement plugs as follows: 15 sx 13228-13308, 12 sx 9762-9812, 20 sx 9528-9578, 12 sx 9240-9290, 12 sx 8750-8800, 36 sx 8295-8395, 20 sx 4153-4277, 2 sx 12-24. Baker CI Bridge Plug set at 4400, 1½ sx 4393-4400. 13-3/8" surface csg flange & tbg head left on well with all outlets bull plugged & w/blind flange on top of tbg head.

ABANDONED CASING
13-3/8" - Top Elev. 5035, Bottom Elev. 4688
7" - " " 5035, " " -3298
also abandoned 4-3/4" Drill collars & core barrel; top elev. - 8262, bottom elev.-8488.

PHILLIPS PETROLEUM COMPANY
(Operator)
RANGELY, COLORADO
(Address)
J. W. Maharg

(AFFIDAVIT)

STATE OF ~~UTAH~~ COLORADO

COUNTY OF RIO BLANCO

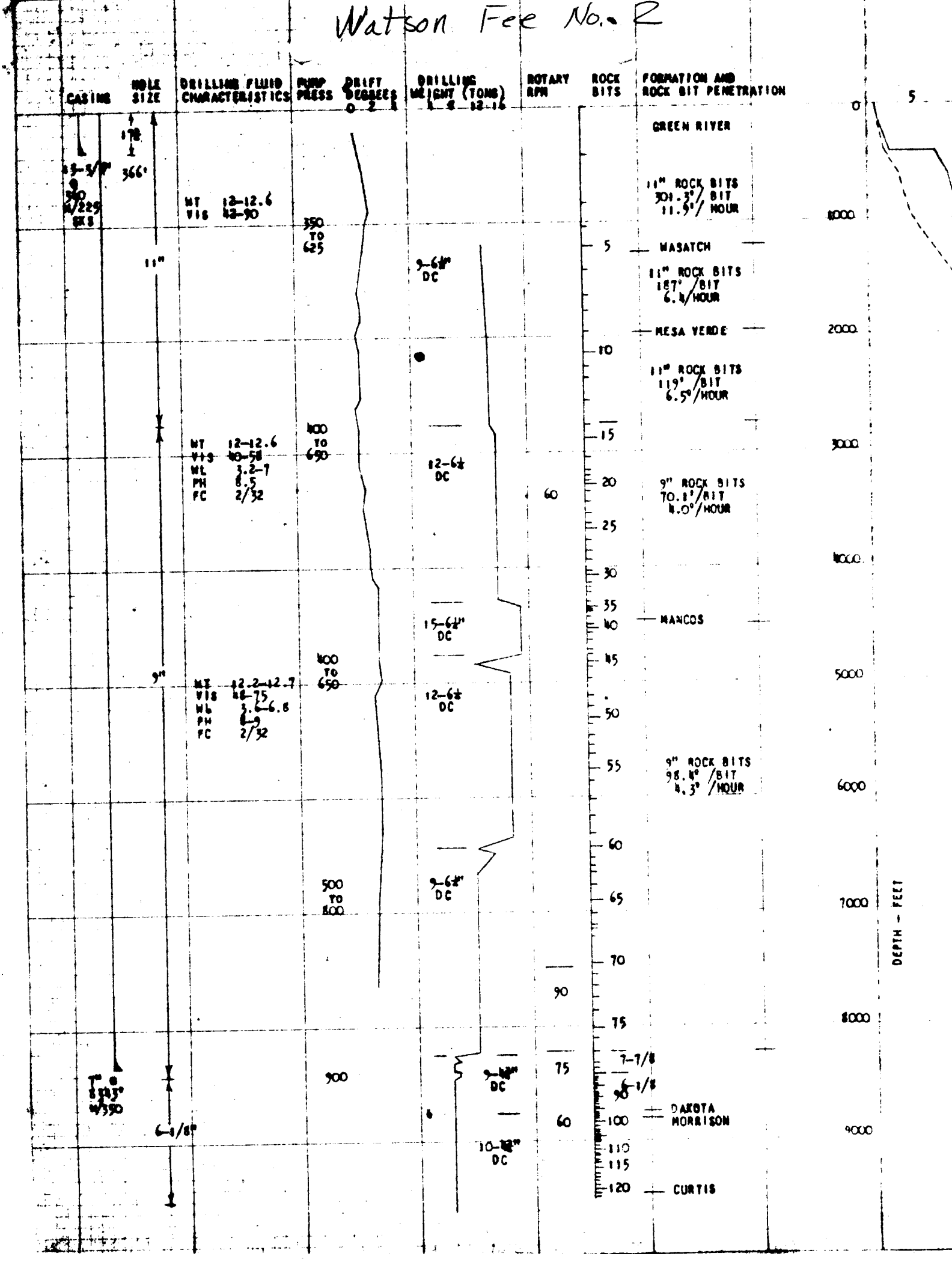
Before me, the undersigned authority, on this day personally appeared J. W. Maharg, known to me to be the person whose name is Subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.
Subscribed and sworn to before me this the 13th day of March 19 56.

My Commission Expires: 12/16-56

Notary Public in and for Rio Blanco County

INSTRUCTIONS: Complete this form in duplicate and mail both copies to Oil and Gas Conservation Commission, Rm 105, Capitol Bldg., Salt Lake City 14, Utah.

Watson Fee No. 2



005

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

June 26, 1956

Phillips Petroleum Co.
Rangely,
Colorado

Gentlemen:

It has come to the attention of this office that Well No. B-1, which was drilled by you on Section 34, Twp. 9 S, Range 25 E, Uintah County, has been completed, plugged and abandoned, or shut down as of about 3/2/56, 1956.

Rule C-5 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission, provides that within 90 days after the suspension of operations, abandonment of, or the completion of any well drilled for the production of oil or gas and within 90 days after the completion of any further operations on it, if such operations involved drilling deeper or drilling or re-drilling any formation, the well log shall be filed with the Commission, as well as a copy of the electric and radioactivity logs, if run.

If our information is correct, will you please forward the well log or logs to this office as required by the above mentioned rule. If our information is not correct, will you so notify us.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT

CBF:ro

Form OGCC-3

006

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
LOG OF OIL OR GAS WELL

Formerly named: Roy M. Johnson #2 Watson Fee; drilled to TD 9504'.
Well No. Watson B-1, which is located 600 ft from (N/~~S~~) line and 300 ft from ~~(E/W)~~ line of Sec 34 Twp 9S, R 25E, Salt Lake (Meridian), WATSON (Field or Unit), Uintah (County)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records as of March 2, 1956 and is to be kept confidential until _____, 19____ (See Rule C-5).
Drilling operations were (~~completed~~/~~suspended~~)(abandoned) on March 2, 1956

Date: July 30, 1956 Signed: R. L. Schatz Title: District Foreman

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size of Hole	Size Casing	Weight per ft	Threads per Inch	Make	Amount	Kind of shoe	Cut & Pulled from	Perforated from to	Purpose

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number of sacks of cement	Method used	Mud gravity	Amount of mud used
13-5/8"	359'				
7"	8345'				

TOOLS USED

Cable tools were used from _____ to _____ and from _____ to _____
Rotary tools were used from 0 to 9504 and from 9504 to 13538

PRODUCTION

(Well Plugged & Abandoned)

Put to producing _____, 19____
OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____% was oil; _____% was emulsion; _____% was water; and _____% was sediment
Gravity: _____

GAS WELL: The production during the first 24 hours was _____ MCF plus _____ barrels of liquid hydrocarbon. Shut in pressure _____ lbs. Length of time shut in _____

FORMATION RECORD

From	To	Thickness in feet	Formation	From	to	Thickness in feet	Formation
0	1130	1130	Green River	8750	8800	50	Dakota
1130	2230	1100	Wasatch	8800	9300	500	Morrison
2230	4410	2180	Mesa Verde	9300	9578	278	Curtis
4410	8750	4340	Mancos	9578	9752	174	Entrada

HISTORY OF WELL

(OVER)

SEE ATTACHED WELL HISTORY

(If additional space is needed use back of page or attach separate sheet)

FORMATION RECORD (Cont'd)

From	To	Thickness in Feet	Formation
9752	9812	60	Carmel
9812	10407	595	Navajo
10407	10476	69	Chinle
10476	11215	739	Shinarump
11215	12050	835	Moher
12050	13263	1213	Morgan
13263	13538 TD	275	Mississippian

September, 1955		
29	9505	Grading road. Will deepen well to test Weber Sand. Location C W/2 NW/4 Section 34-9S-25E, Uintah County, Utah. Line measurements: 300' east of west line and 600' south of north line of Section 34.
30	9505	Building road.
October, 1955		
1 thru 4	9505	Built road, location and pits completed.
5 thru 16	9505	Moved in and rigged up rotary. Kerr McGee Oil Indust., Inc., Contr.
17	9505	Picking up 3-1/2" drill pipe and 6-1/8" bit to condition hole. Drilled rat and mouse hole. Elevations: Casinghead Flange 5038', Ground 5038', RKB 5050'.
18	9505	Going in hole with drill pipe. Conditioned hole to 8995', found bridge at 8800'.
19	9515	Going in hole with bit and junk sub. Started drilling new hole at 4:00 PM. Checked old total depth at 9505', drilling on junk. Had good gas show on Barlod Unit 9505-15'. Weighted mud from 9.0# to 9.4#.
20	9520	Pulling magnetic junk sub. Ran bit and junk basket, drilled to 9520', pulled drill pipe, bit did not show any iron. Reran drill pipe and magnetic junk sub to clean up hole preparatory to coring.
21	9567	Coring.
22	9576	Waiting on rotary hose. Core No. 1, 9520-70' recovered 50'. 7' sand, very fine grain and silty; 10' silt, grey to black, grading to waxey shale; 9' shale, gray, waxey, micaceous, scattered sand grains; 17' sand, very fine grain, gray; 7' interbedded sand and gray shale, no show. Core No. 2, 9570-76' broke rotary hose, recovered 6' sand, white, fine grain, highly calcareous. Down 3 hours waiting on rotary hose.
23	9616	Coring. Down 13 hours waiting on rotary hose.
24	9626	Coring. Core No. 3, 9576-9626 recovered 50'. 1' sand, white, fine grain; 1.3' silt, scattered fine grain sand and waxey shale; 29.7' sand, fine to medium grain, interbedded waxey shale; 18' sand, very fine to fine grain, very wet looking layers grading to white sand, tastes salty, no show.
25	9753	Coring. Core No. 4, 9626-77 in Entrada, recovered 51' of fine to medium grain sand, white to buff to pink, friable, good porosity and permeability, looks wet and tastes salty, no show. Core No. 5, 9677-9726 recovered 47.5' sand, fine to medium grain, buff, good porosity and permeability, thin streaks silt, wet and salty.
26	9777	Drilling. Core No. 6, 9726-73 recovered 47'. 23' sand, very fine grain to fine grain, buff, looks wet, salty taste, good porosity and permeability; 24' brown shale to brown sandy shale, extremely hard and tight, no shows. Sample top: Entrada 9608', Carmel 9749'.

34-9so.-25E

October, 1955		
27	9784	Preparing to run Lane-Wells Gamma Ray-Neutron Survey. Ran Schlumberger Electric Log to 9782', Micro Log and Hole Caliper to 9739'. Schlumberger Tops: Frontier 6410', Dakota 8750', Morrison 8800', Curtis 9290'.
28	9793	Going in hole with bit to drill ahead. Drilled 9784-93'. Lane-Wells Gamma Ray-Neutron to 9653', tool stuck. Pulled tool loose, logged from 9600'.
29	9843	Drilling sand.
30	9844	Going in hole with junk basket. Drilled to 9844', dropped 33 stands drill pipe 13'. Screwed into fish, recovered fish, left one bit cone in hole.
31	9905	Drilling sand. Recovered bit cone.
November, 1955		
1	10018	Drilling sand.
2	10068	Drilling sand.
3	10163	Drilling sand.
4	10213	Drilling shale and sand.
5	10253	Drilling sand and shale.
6	10287	Drilling sand.
7	10324	Drilling sand.
8	10357	Drilling sand.
9	10390	Drilling silt. Sample tops: Navajo 9812, Chinle 10370'.
10	10422	Drilling silt. 1/2 Degree at 10390'.
11	10463	Drilling shale.
12	10490	Drilling sand and shale.
13	10523	Drilling red shale. 1/2 Degree at 10420'.
14	10561	Drilling red shale.
15	10613	Drilling red shale. Sample top: Shinarump 10503'.
16	10666	Drilling red shale. Sample top: Moenkopi 10621'.
17	10714	Drilling shale and silt.
18	10773	Drilling sand and shale.
19	10814	Drilling sand and shale.
20	10874	Drilling shale and silt.
21	10922	Drilling shale and silt.
22	10966	Drilling shale and silt.
23	11022	Drilling Sand and shale.
24	11067	Drilling shale, silt and sand.
25	11108	Drilling sand and shale.
26	11187	Drilling sand and shale. Sample top: Park City 11122'.
27	11210	Preparing to core.
28	11255	Pulling Core No. 7.
29	11290	Coring. Corrected TD 11210-11204 by drill pipe tally. Core No. 7, 11204-255 recovered 52'. 4' sand, gray to white, medium grain, no show; 3' sand, gray to brown, Medium grain, no show; 1' shale, dark gray; 9' conglomerate, white to gray, spotty fluorescence, dead oil stain; 3' sand, very fine grain, no show; 2' sand, dark gray, medium to coarse grain, no show; 2' silt, dark gray, no show; 6' conglomerate, white to gray, no show;

November, 1955		
29 - Cont'd		10' sand, gray, no show; 6' conglomerate, gray, no show; 4' silt, red-brown, no show; 1' sand, gray, very fine grain, no show.
30	11333	Coring. Core No. 8, 11255-305 recovered 50'. 3' silt brwn-red, no show; 11' sand, brown-gray, fine grain, slightly calcareous, well sorted and cemented, poor porosity and permeability, no show; 1' silt, white to light gray, slightly calcareous; 8' silt and sand stringers, gray, fine grain, reddish-brown, micaceous, no show; 9' sand, red-tan, fine grain, micaceous, well sorted, slightly calcareous, poor permeability and porosity, no show; 3' sand, red-brown, fine to medium grain, slightly micaceous, poorly sorted, interbedded gray sand, no show; 5' silt, red-brown; 10' sand, pink-brown, very coarse grain, calcareous, very micaceous, poorly sorted, poor permeability and porosity, no show. Core Top Weber 11253'.
December, 1955		
1	11351	Going in hole with bit and junk sub. Core No. 9, 11305-347 recovered 42'. 1' sand, coarse grain, calcareous, micaceous, poor porosity and permeability, no show; 6' silt, brown-red, interbedded sand, no show; 8' sand, pink-gray, very coarse grain, micaceous, calcareous, poor porosity and permeability, no show; 5' sand, red-brown, medium grain, slightly calcareous, poor porosity and permeability, no show; 13' silt, brown-red, micaceous and highly; 9' sand, gray, very coarse grain, slightly calcareous, fairly sorted, interbedded with reddish-brown sand, no show. Vertical fractures throughout core. Core No. 10, 11347-51, recovered 1' sand as above.
2	11376	Coring. Washed and reamed to bottom, drilled 11351-53'.
3	11383	Running Schlumberger. Core No. 11, 11353-381' recovered 26.4'. 5' sand, red-brown, medium coarse grain, poor porosity and permeability; 3' sand, gray to buff, fine grain, poor porosity and permeability; 3' silt, red-brown with interbedded gray sand; 7' sand, red-buff to brown, coarse grain, poor porosity and permeability; 4' silt, brown-red, interbedded sand; 4.4' sand, red-buff, coarse grain, poor porosity and permeability, no shows in core. Ran bit and junk sub, drilled to 11383'.
4	11383	Gulf Oil running velocity survey. Ran Schlumberger electric log and micro log to total depth. Schlumberger tops: Entrada 9578', Carmel 9752', Navajo 9812', Chinle 10407', Shinarump 10476', Weber 11215'.
5	11433	Pulling Core No. 12.

December, 1955

6	11497	Coring. Corrected total depth 11383-392. Core No. 12, 11392-441' recovered 49'. 18' red-brown sand, fine to medium grain, slightly calcareous and micaceous, vertical fractures, poor porosity and permeability, no show; 8' sand, red-brown, very fine to medium grain, well cemented with streaks green-gray sand, poor porosity and permeability, no show; 23' silt, red-brown, streaks of sand, buff to white, vertical fractures, streaks of shale. Core No. 13, 11441-460', recovered 19'. 10' sand, red-buff, fine grain, very calcareous, vertical fractures, no show; 9' sand, grey, medium to coarse grain, slightly calcareous, streaks quartzitic conglomerate, fair porosity and permeability, no show.
7	11538	Preparing to core. Core No. 14, 11460-510' recovered 50' sand, red-tan, fine to medium grain, very calcareous and micaceous, vertical fractures, poor porosity and permeability, no show. Core No. 15, 11510-538' recovered 28'. 7' sand, same as core #14; 3' sand, white, fine to medium grain, fairly sorted, very calcareous and micaceous, poor porosity and permeability; 4' silt, red-brown, gray sand stringers; 14' sand, red-gray, coarse grain, calcareous and micaceous thin zone containing pebbles of quartz and chert, poor porosity and permeability.
8	11588	Preparing to core. Core No. 16, 11538-588' recovered 50'. 26' sand, fine to very fine, reddish-tan, well sorted and cemented, very calcareous and micaceous with shale stringers, no show; 4' shale, red-brown, very silty with silt stringers; 6' lime, greenish-gray dense, sandy, very micaceous, stringers of silt, no show; 14' sand, reddish-tan, white to buff, fine to medium grain, fair cementation, calcareous and micaceous, vertical fractures, poor porosity and permeability, no show.
9	11638	Preparing to core. Core No. 17, 11588-638' recovered 50' sand, reddish-tan to reddish-buff, fine grain, well sorted, fair cementation, very calcareous and micaceous, vertical fractures, cross-bedded in part, poor porosity and permeability, no show.
10	11686	Preparing to core. Core No. 18, 11638-686 recovered 32.5' sand, fine to medium grain, reddish-tan, well sorted, fair cementation, calcareous and micaceous, vertical fractures, poor porosity and permeability, no show.
11	11717	Pulling Core No. 19.
12	11717	Running logs. Core No. 19, 11686-717' recovered 24' sand, fine grain, red to tan, well cemented, calcareous and micaceous, shale stringers, vertical fractures, poor porosity and permeability, no show.

December, 1955

13	11717	Running Schlumberger Micro Log. Made three attempts to get electric log to bottom. Ran drill pipe and conditioned hole. Ran electric log to 11715'.
14	11728	Pulling core No. 20. Ran micro log to 11715'.
15	11754	Coring. Core No. 20, 11717-728' recovered 8' sand, fine grain, reddish-tan to tan, calcareous and micaceous, shale stringers, vertical fractures, poor porosity and permeability, no show. No. 21 Core, 11728-744' recovered 16' sand, fine grain, tan to reddish-tan, calcareous and micaceous with thin stringers of silt, vertical fractures, poor porosity and permeability, no show.
16	11794	Preparing to core. Core No. 22, 11744-794' recovered 49' sand, fine to very fine grain, tan to reddish tan, well sorted and cemented, calcareous and micaceous, silty in part with thin beds sand, fractured, tight, no show.
17	11837	Coring. Core No. 23, 11794-844' recovered 47' sand, same as core No. 22 with shale in middle of core, no show.
18	11882	Coring.
19	11924	Coring. Core No. 24, 11844-894 recovered 52'. 51' sand, reddish tan to reddish brown, fine grain well sorted and cemented, calcareous and micaceous, shale inclusions in lower part, stringers of brownish red micaceous shale and gray-green calcareous sand at top and middle of core, vertical fractures throughout, no show; 1' sand, reddish gray, medium to coarse grain, poorly sorted and cemented, dolomitic, micaceous with some quartz pebbles.
20	11946	Coring, Core No. 25, 11894-944' recovered 35'. 4' sand, reddish gray, medium to coarse grain, fair sorted and cemented, dolomitic, micaceous, inclusions of dark red shale, very thin stringers reddish brown fine to medium micaceous sand, vertical fractures, tight, no show; 31' sand, reddish buff to tan, fine to medium grain, well sorted and cemented, calcareous and micaceous, silt stringers, vertical fractures, tight, no show.
21	11985	Coring.
22	12003	Drilling sand and shale, drilling with diamond bit. Core No. 26, 11944-988' recovered 39' sand, reddish gray to tan, fine to medium grain, well sorted and cemented, calcareous and micaceous, dark red shale inclusions in lower part. Thin stringers dark red micaceous shale and gray medium grain micaceous sand in middle of core, tight, no show. Dropped piece of drill collar clamp in hole. Ran bit and junk basket, recovered clamp. Went in hole with diamond bit at 11993'.

December, 1955		
23	12050	Drilling sand and shale.
24	12090	Drilling sand.
25	12115	Drilling sand.
26	12179	Drilling sand and shale.
27	12210	Drilling sand.
28	12223	Drilling sand.
29	12307	Drilling sand.
30	12340	Drilling sand.
31	12406	Drilling sand.
January, 1956		
1	12410	Drilling sand.
2	12442	Drilling sand.
3	12478	Drilling red sand with shale stringers.
4	12522	Drilling lime.
5	12590	Repairing crown.
6	12618	Drilling sand.
7	12670	Drilling sand and shale.
8	12700	Drilling sand and shale.
9	12744	Drilling red sand and shale.
10	12782	Drilling silt and shale.
11	12823	Drilling silt.
12	12870	Drilling silt and shale.
13	12913	Drilling sandy shale.
14	12968	Drilling sand and shale.
15	13020	Drilling silt and shale.
16	13044	Drilling silt and shale.
17	13107	Drilling shale and silt.
18	13175	Drilling silty shale and lime.
19	13220	Drilling silty shale and lime.
20	13238	Coring.
21	13260	Coring. Core No. 27, 13229-258 recovered 24' lime, gray to buff, dolomitic, dense, massive, blue to brownish chert.
22	13282	Coring. Core No. 28, 13258-272 recovered 12'. 8' lime gray to purplish to greenish gray; 4' dark red shale.
23	13304	Pulling Core No. 29.
24	13328	Pulling Core No. 30. Down 1-1/2 hours, core barrel stuck on bottom, freed and pulled barrel. Core No. 29 13272-304 recovered 3' lime, gray to purplish gray, with stringers of red shale. Estimated 10' of core jammed in barrel attempting to recover. Ran 25' core barrel and started core No. 30 at 13304'.
25	13341	Pulling core, core barrel jammed. Core No. 30, 13304 328' recovered 21', 4' sand, very fine to medium fine grain, reddish brown to gray to buff, no show; 17' shale, brick red, sandy, no show. Recovered an additional 12' of Core #29 from core barrel, lime, gray t purple, stringers of red shale, no show.

January, 1956		
26	13349	Preparing to core. Core No. 31, 13328-341 core barrel jammed, recovered 12' sand, very fine to medium grain, fair sorted, well cemented, quartzitic, stringers of dark red shale. Core No. 32, 13341-49 core barrel jammed, recovered 8' sand, very fine to medium grain, intermingled brick red, gray and white iron stained, well cemented, quartzitic, poor sorting, thin stringer fine to medium grain sand, very tight, no show. Down one hour repairing mud pump.
27	11379	Preparing to core. Core No. 33, 13349-379' recovered 26.5', core barrel jammed. 8' sand, red, fine grain, hard and tight, trace red shale, no show; 6.5' silt, mottled reddish gray to black, hard, no show; 12' sandy silt and shale, red to gray, hard and tight, no show.
28	11396	Preparing to core. Core No. 34, 13379-396' recovered 14' core barrel jammed. 10' shale, dark red, flakey, waxey and sandy, chert nodules; 4' conglomerate, dark red, waxey shale and greenish gray lime.
29	13430	Coring.
30	13446	Coring. Core No. 35, 13396-433' core barrel jammed, recovered 15'. 2' shale, varigated, waxey, flakey, calcareous and silty in part, no show; 13' lime, gray with stringers purplish and greenish gray at top, dense, thin bedded, oolitic in part, colomitized throughout, no show. Core No. 36, 13433-440' core barrel jammed, recovered 3' dolomite, purplish gray, dense, massive, concoidal, fractured, little green dolomitic inclusions at top of core, no show.
31	13494	Coring. Core No. 37, 13440-490 recovered 40'. 4' dolomite, purple-gray, dense, massive, condoidal fractures, tight, no show; 32' lime, blue-green, dense, thin beds dolomite, no show, slight sulphur odor; 4' dolomite, light gray, dense, light brown fluorescence, appears wet, strong sulphur odor.
February, 1956		
1	13515	Coring. Core No. 38, 13490-506 core barrel jammed, hung on botton, jarred loose. Recovered 6' dolomitic lime, light green-gray to gray, dense, thin bedded, scattered green shale partings, some small calcite filled fractures, strong sulphur odor at top, very tight, no show.
2	13538	Preparing to fish for 6 drill collars and core barrel. Core No. 39, 13506-538', pulled up off bottom 6', jarred pin off immediately. Pulled drill pipe, left 6 drill collars and core barrel in hole.
3	13538	Fishing. Ran overshot, caught top of fish at 13312', circulated through fish, jarred four hours and overshot pulled loose. Pulled overshot, ran 6" McCullough overshot, unable to get below 12614'.

34-9s0.-25E

February 1, 1956

4	13538	Pulled overshot. Ran drill pipe and 6-1/8" bit to condition hole to top of fish.
5	13538	Pulled bit, reran 6" McCullough overshot, worked to top of fish. Caught fish, circulated 1/2 hour, worked over fish 1/2 hour, unable to hold fish due to drill pipe rubber preventing slips from setting.
6	13538	Jarring and working stuck drill collars and core barrel. Pulled drill pipe and overshot. Reran 5-7/8" overshot, caught fish. Circulated and jarred on fish 12 hours, moved up hole approximately 2' and stopped.
7	13538	Pulling drill pipe and overshot. Jarred and circulated 10 hours on stuck drill collars and core barrel. Unable to move fish, released overshot.
8	13538	Cutting side wall cores 8770-93 in Dakota Sand. Pulled drill pipe and overshot, LEFT IN HOLE AND WILL NOT BE RECOVERED: 6, 4-3/4" drill collars, 4-3/4" x 54' Drilling and Service core barrel and 6" diamond core head. Top of fish 13312', bottom of fish 13532'.
9	PTD 8295	Laying down drill pipe. Cut side wall cores 8770-74', 8776-78', 8784-86.5', 8787-88', 8790-92', 8793-94'. Recovered sand, medium grain, sub angular to rounding, well sorted, fair cemented, slightly calcareous, fair porosity and permeability, purplish stain, no show. Ran drill pipe open ended, spotted cement plugs as follows: 15 sacks 13228-9[illegible]', 12 sacks 9762-9612, 20 sacks 9528-9578', 12 sacks 9240-9290, 12 sacks 8730-8800', and 36 sacks 8295-8575'. Schlumberger tops: Morgan 12030, Mississippian 12460'.
10	PTD 8295	Finished laying down drill pipe, connected well.
11	PTD 4393	Ran McCullough junk catcher on wire line, recovered some drill pipe rubbers. Ran Baker cast iron bridge plug, set at 4400'. Dumped 1-1/2 sacks regular cement on top of plug, filled to 4393' Tested casing, mud circulated free through annulus. Stripped off blow-out preventer, found 7" casing torn in two on one side from head to 9' below head and 7" casing slipped down flush with slips. Ran Rowan releasing spear to 47'. Picked up casing 1' at 80,000#. Nicked on 7" nipple and attempted to back off 7" casing. Casing broke off in body at bottom of 9' work spot or 21' RKB. Released spear.
12	PTD 4393	Reset spear at 64'. Backed off casing at 94' RKB, pulled and recovered 62' of 7" OD casing. Laid down 30' of 7" casing, reran 3 joints, 92' of recovered casing and 1 joint, 35' 7" OD [illegible] N-80 casing, screwed into casing, casing did not go down indicating casing frozen directly under surface pipe. Tested casing with 1600#, 25 minutes, held OK.

February , 1956

13	PTD 4393	Preparing to run Baker cement retainer. Connected blow-out preventer, tested with 1100#, OK. Ran McCullough wire line gun, perforated 7" casing with 4 holes 4380-81'. Pumped in 20 barrels water, took fluid at 600#, pressure bled off immediately.
14	PTD 4393	Waiting on cement. Ran 142 joints 2-7/8" tubing and Baker Model "K" magnesium cement retainer, set retainer at 4362'. Pumped in 2 barrels mud through perforations 4380-81', at 1000#. Bled to zero immediately. Mixed and pumped in 300 sacks regular cement at 400#, displaced cement with water at 800#, reversed out 10 sacks cement, 290 sacks in formation. Ran temperature survey, cement apparently went down hole.
15	PTD 4315	Waiting on cement. McCullough perforated 7" casing with 4, 1/2" holes 4495-96'. Pumped in 5 barrels mud at 1400#, broke to 1100#, held at 800#. Ran 141 joints 2-7/8" tubing and Baker model "K" magnesium cement retainer, set retainer at 4315'. Pumped in 5 barrels mud at 1200#, mixed and pumped in 300 sacks regular cement at 800#, displaced cement with water at 1200#, reversed out 5 sacks cement.
16	PTD 4315	Preparing to perforate 7" casing. Ran temperature survey, indicated top of cement at 4140'.
17	PTD 4315	Ran Lane-Wells wire line type E gun, perforated 117, 15/32", holes, 6 holes per foot, 4268-4288', Ran 139 joints 2-7/8" OD tubing and 7" baker full bore packer. Tubing set at 4262', packer at 4166'. Displaced mud with 26 barrels water.
18	PTD 4315	Down 24 hours waiting on swab unit.
19	PTD 4315	Rigged up swab unit. Swabbed five hours from 3500' recovered 26 barrels water and 10 barrels very heavy mud, small show gas, too small to measure. Shut in overnight.
20	PTD 4315	Ran swab, hit fluid at 1100', unable to get through heavy mud. Ran sinker bar to 3500' would not go deeper. Opened by-pass on packer, circulated out 3000' of heavy mud with very small pockets gas, too small to measure.
21	PTD 4315	Swabbed 11 hours, recovered approximately 220 barrels mud, very slight show gas. Pulling swab from 2000' fluid level 1000'.
22	PTD 4315	Opened well, blew down immediately, gas too small to measure. Swabbed 10-1/2 hours from 3000', recovered approximately 300 barrels gas cut fresh muddy water with very small show of gas. Gas too small to measur Well flowed 45 minutes at 5:30 PM, recovered estimated 25 barrels gas cut fresh muddy water and died. Shut in overnight.

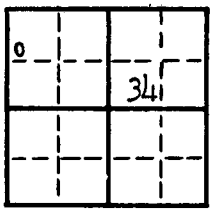
February, 1956		
23	PTD 4315	SITP 50#, fluid level 300'. Swabbed 8 hours, recovered approximately 200 barrels gas cut mud, very small show of gas. Flowed 5 minutes at 2:00 PM, gas too small to measure. Ran swab and no recovery. Shut down 1 hour, ran swab no recovery. Shut in overnight.
24	PTD 4315	Ran swab, unable to get through heavy mud at 4000'. Pumped 30 barrels water in tubing at 900#. Swabbed 30 barrels load water and 70 barrels heavy mud in 4 hours, very small show of gas, too small to measure. Parted swab line at 1000'.
25	PTD 4315	Pulled 2-7/8" tubing and packer. Recovered swab, reran tubing and packer, circulated sand and shale out of hole from 4268 to 4291'. Displaced tubing with 26 barrels water. Picked up tubing, set packer at 4166', tubing set at 4262'. Swabbed 6 hours recovered 26 barrels load water and 50 bbls heavy mud, swabbing from bottom. Very small show of gas, too small to measure. Shut in overnight.
26	PTD 4315	Swabbed 9 hours recovered 70 barrels heavy mud, fluid raised to 2000', unable to get swab through heavy mud. Pumped 30 barrels water in tubing at 800#. Swabbed 25 barrels load water in 1 hour. Shut in overnight.
27	PTD 4315	Ran swab, found fluid at 1500', swabbed 4 hours from bottom, mud level raised to 800' from surface. Swabbed next 6 hours and fluid level raised to 500' from surface. Recovered total of 75 barrels heavy mud with shale and sand cuttings. Very slight increase in gas, too small to measure. Shut in overnight.
28	PTD 4315	Swabbed 10 hours, starting fluid level 500', swabbed to bottom in 7-1/2 hours. Recovered total 260 barrels thin mud, last 2-1/2 hours recovered very small amount thin mud and Gilsonite or coal. Very slight show gas, too small to measure. Shut in overnight.
29	PTD 4315	Swabbed 9 hours, swabbed tubing dry in 7 hour. Recovered 40 barrels mud. Loaded tubing with 26barrels water into formation at 400#. Swabbed 30 barrels load water in 2 hours, swabbed dry. No gas show. Shut in overnight.
March, 1956		
1	PTD 4153	Swabbed 9 hours recovered 4-1/2 barrels mud, swabbing from bottom, no show. Released packer and pulled tubing. Reran tubing open ended, spotted 20 sacks regular cement 4277-4153'. Laid down tubing.
2	PTD 0	Spotted 12' cement plug in top of surface casing. Released rig at 4:00 PM. Well plugged and abondoned.

Form OGCC-1

(SUBMIT IN DUPLICATE)

LAND:

007



STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING

SALT LAKE CITY 14, UTAH

Fee and Patented X
State ..... ☐
Lease No. .....

Public Domain ..... ☐
Lease No. .....

Indian ..... ☐
Lease No. .....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

24-158

....., 19.....

Roy M. Johnson # 2 Well No. ..... is located ..... ft. from {N/S} line and ..... ft. from {E/W} line of Sec. .....

SW NW NW Sec 34	9 South	25 East	
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)

Bonanza	Uintah	Utah
(Field)	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is 5935 feet.

A drilling and plugging bond has been filed with NONE.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Chas McConkie, plugging operator, wishes to P & A this well which now stands full of heavy mud from T. D. 9605 to surface. 7" casing cemented at 8345' W/350 Sx.

Propose to shoot off 7" at free point, leave heavy mud in well to surface. Set 10 sack plug at surface and in which a 4" x 4' regulation marker will be set.

If any producing formations are disturbed during this operation, I agree to set sufficient cement plugs to take care of them properly.

Tops: Surface, Green River
Bottom, Entrada

No Oil or Gas shows were found during the drilling of this well.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

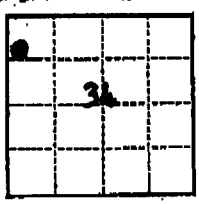
Company Mid America Minerals, Inc. OPERATOR: Charles McConkie

Address Mid America Bank Bldg. By 122 East 5th South

Oklahoma City, Okla. Title Vernal, Utah

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Form 9-593a
(September 1944)



~~PATENTED LAND~~
~~STATE~~
State

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

INDIVIDUAL WELL RECORD

Section 34
T. 9 S.
R. 25 E.
S. L. Mer.

Date December 14, 1956

Reference No. 2

State Utah

Lessee or owner Watson Oil Company

County Uintah

Field ~~Bonanza~~ (Wildcat)

Operator **Phillips Petroleum Company

District Salt Lake City

Well No. 2

Subdivision SW¼NW¼NW¼

Location 990 ft. from N. line and 330 ft. from W. line of sec. 34

Drilling approved _____, 19____

Well elevation 5048 D.F. feet.

Drilling commenced May 2, 19 51

Total depth *9605' D.D. 13,538' feet.

Drilling ceased November, 19 51

Initial production _____

Completed for production _____, 19____

Gravity A. P. I. _____

Abandonment approved _____, 19____

Initial R. P. _____

Geologic Formations

Surface	*Lowest tested*
Green River	Mississippian

Productive Horizons

Name	*Depths*	*Contents*

WELL STATUS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1951					Drg	Drg	Drg	Drg	Drg	Drg	Abd 9605'	
1955										D.D. 9605'	Drg. 1043	Drg. 12,210'
1956	Drg. 13,328	Drg. 13,538	Abd 13,538									

REMARKS 13-3/8" cc 360' w/225 sx., 7" cc 8345' w/350 sx.
*Operations resumed 10-20-55 and abandoned 3-2-56 deepened from 9605' to 13,538'. **Former operator Roy M. Johnson

Tops: Wasatch 1288' Navajo 9812' Park City 11,122'
Mesa Verde 1975' Chinle 10,407' Weber 11,215'
Entrata 9578' Shinarump 10,276' Morgan 12,050'
Carmel 9752' Moenkopi 10,621 Mississippian 13,263'

REPLACEMENT

U. S. GOVERNMENT PRINTING OFFICE 16—41800-2

008

MID AMERICA MINERALS INC.

Mid America Bank Building Oklahoma City, Oklahoma

December 19, 1958

M & M Pipe and Salvage Co.
122 East 5th South
Vernal, Utah

Attention: Mr. Charles McConkie

Gentlemen:

We are in receipt of your letter of December 10, 1958, requestion our permission for you to salvage the Roy M. Johnson wells on the Watson Oil Company lands in Section 27 and 34, Twp. 9 South, Rge. 25 East, Uintah County, Utah.

Although we are the owners of the lease now covering the Watson Oil Company lands, this is not the same lease as the lease under which Mr. Johnson drilled his wells. So it is not within our authority to advise you.

Yours very truly,

Mid America Minerals, Inc.

Signed/John M. Rowntree

John M. Rowntree
Land Dept.

COPY:

Pk 290 W

Contr -
Chas McConkie
122 E, 5th So.
Vernal, Utah

1-27-59

009

M & M PIPE AND SALVAGE CO.,
WE BUY AND SALVAGE OIL WELL LEASES
122 East 5th South
Vernal, Utah
Dec. 26, 1958

Dr. Otey Johnson
Little Building
Ardmore, Oklahoma

Dear Sir;

I am working in connection with the State of Utah Oil and Gas Conservation Commission, and the plugging inspector, Mr. C. A. Hauptman. In checking over drilling records in the State of Utah we came upon 4 wells that were drilled upon land now under lease to Mid America Minerals Inc, We have been in corespondence with Mid America Minerals Inc. and they have informed us that they have no responseability concerning these wells that are all ready drilled, and referred us to you.

The well are as follows: Located in Uintah County, Utah

Watson Oil Co.,	Roy M. Johnson	# 1	T.D. 2080 Ft.	Sec	27-9S-25E
"	"	# 2	T.D. 9605 Ft.	"	34-9S-25E
"	"	#3	T.D. 1252 FT.	"	34-9S-25E
"	"	# 4	T.D. 1212 Ft.	"	34-9S-25E

These wells have never been plugged and abandoned according to State and Federal Regulations, and it is my desire to pull the salvagable casing out of these holes and to plug them according to all State and Federal regulations. To do this work in a satisfactory mannor and to keep the land owner and leasor free from all liability and harm whatsoever. I would like to do this work for the salvagable casing that is in the wells, or if this is unsatisfactory to make any agreement that would be satisfactory for all concerned. This work should be done this winter as some of the wells are in the River and the work would have to be done on the ice.

I would appreciate hearing from you as soon as possible concerning these wells.

Sincerely Yours,
Charles McConkie
Charles McConkie
122 East 5th So.
Vernal, Utah

CM:mm

O/C

January 29, 1959

Watson Oil Company
37 Mermick Avenue
St. Louis, Missouri

Attention: H. L. Cornet, Jr., President

Gentlemen:

Our attention has been called to three abandoned wells located in the NW¼ of Section 34, Township 9 South, Range 25 East, Bonanza area, Uintah County, Utah, which were drilled by Roy M. Johnson under a now-terminated lease from your Company.

These wells were drilled during 1951, 1952 and 1953. Two of the three wells have been abandoned in an unsatisfactory condition; that is, not prperly plugged where water and some gas and oil is flowing into White River.

These conditions constitute surface as well as sub-surface damage to underground formations, and should be promptly corrected.

Inasmuch as the newly formed Oil & Gas Conservation Commission of Utah is now charged with the responsibility of correcting such conditions, we request your permission to secure services of a qualified operator to perform the necessary work under our supervision to properly plug and abandon any of these wells, and to salvage any material from the wells which he may be able to recover.

Yours very truly,
OIL & GAS CONSERVATION COMMISSION

C. A. Hauptman
Petroleum Engineer

CH/cp

011

January 29, 1959

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St. Louis, Missouri

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Yours very truly,
OIL & GAS CONSERVATION COMMISSION

C. A. Hauptman
Petroleum Engineer

CH/ep

We do not attempt to enforce only a report but if oral

012

March 10, 1959

Watson Oil Company
37 Mermick Avenue
St. Louis, Missouri

Attention: H. L. Cornet, Jr.,
President

Gentlemen:

Please refer to our letter of January 29, 1959 to you regarding the abandoned wells drilled by Roy M. Johnson in 1951, 1952 and 1953 on acreage in the NW¼ of Section 34, Township 9 South, Range 25 East, SLBM, Uintah County, Utah, under lease at that time to your company.

As we have received no reply from you, it has occurred to us that you might have misunderstood our request.

This letter was written to you on behalf of a Mr. McConkie of Vernal, Utah. Mr. McConkie wanted this Commission to grant him permission to attempt to pull some of the casing from these wells. We informed Mr. McConkie that we did not have the authority to allow him to pull the casing from any well in the state without the land owner's and/or oil and gas lessee's consent. However, if he could obtain their approval, permission would be granted to enter these wells provided that he also file a $5,000 drilling and plugging bond.

This Commission in no way intended to convey the impression that, at this time, we were attempting to require the plugging of these wells or assume responsibility for said plugging. We are only interested in ascertaining that these holes are properly plugged after the casing has been pulled.

The agreement with respect to pulling the casing is strictly between Mr. McConkie and the owner of the well.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

C. A. HAUPTMAN
PETROLEUM ENGINEER

CAH:co

013

V
1036
BARTLESVILLE OKLA 549P NOV 14 1960
CLEON B. FEIGHT
UTAH OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BLDG
SALT LAKE CITY
WOULD APPRECIATE YOUR FURNISHING COPY OF PLUGGING RECORD FOR FOLLOWING WELLS..
JOHNSON-BUNN NO. 1 WATSON, SW4 SECTION 27, JOHNSON-BUNN NOS. 3 AND 4 WATSON, NW4 SECTION 34, AND JOHNSON-BUNN NO. 2 WATSON, NW4 SECTION 34, ALL IN TOWNSHIP 9 SOUTH, RANGE 25 EAST, UINTAH COUNTY, UTAH. JOHNSON-BUNN NO. 2 WATSON WAS DEEPENED AND PLUGGED BY PHILLIPS AS WATSON-BUNN NO. 2. WOULD ALSO APPRECIATE COPIES OF ANY REPORTS YOU MAY HAVE PERTAINING TO WORK PERFORMED ON THESE WELLS SUBSEQUENT TO PLUGGING.
PHILLIPS PETROLEUM CO. L E FITZJARRALD
NOV 15 1960

On Nov. 16, 1960, we called these Phillips people and gave them information to the effect that we did not have any record on any of these wells except this one which they reworked. (Aug.)

014

November 23, 1960

Mid America Minerals, Inc.
Mid America Bank Building
Oklahoma City, Oklahoma

Attention: Mr. John M. Rowntree
Land Department

Gentlemen:

The records of this office indicate that on December 10, 1958, the M & M Pipe and Salvage Company of Vernal, Utah, requested your permission to salvage pipe from the Roy M. Johnson wells in Sections 27 and 34 of Township 9 South, Range 25 East, SLBM. As indicated in your reply letter of December 19, 1958, permission to do so was not granted.

It would be greatly appreciated if you could inform us as to whether you have granted subsequent approval to any individual or company to salvage this casing, and whether you are still the owner of the oil and gas lease covering the above-mentioned acreage.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

015

Mid-America Minerals, Inc.
MID-AMERICA BANK BUILDING CEntral 5-9465 OKLAHOMA CITY 2, OKLAHOMA

November 28, 1960

The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight
Executive Secretary

Gentlemen:

We are in receipt of your letter of November 23, 1960, advising that we have not granted permission to M & M Pipe and Salvage Company of Vernal, Utah, to salvage pipe from the Roy M. Johnson wells in Sections 27 and 34, Twp. 9 South, Rge. 25 East, Uintah County, Utah.

We did not drill these wells or have any interest in the lease covering this tract when these wells were drilled. We subsequently did buy a lease covering this tract, but such lease did not convey to us the salvage of this well. Our lease from Watson Oil Company has now been dropped and we no longer have any interest in this tract.

We do not consider that we ever had any interest in the wells drilled by Mr. Johnson and, therefore, had no right or obligation to allow M & M Pipe and Salvage Company to salvage these wells.

Yours very truly,

MID-AMERICA MINERALS, INC.

John M. Rowntree

John M. Rowntree
Land Department

JMR:eq

017

MEMORANDUM
January 4, 1961

On Thursday, December 22, 1960, I visited the Roy M. Johnson, Watson Fee Wells No. 1, 2, 3 and 4, located in Sections 27 and 34, Township 9 South, Range 25 East, Uintah County, Utah.

The town of Bonanza, Utah, has been obtaining culinary water from wells drilled in the bed of the White River some distance down-stream from the above abandoned oil wells. Bonanza's water supply showed substancial amounts of hydrogen sulphide, and a company they retained to analyze the contamination advised them that the most common source of this contamination was abandoned oil wells leaking sulphur water. The Bonanza people investigated and found that the above wells, 2, 3 and 4, were flowing some amounts of sulphur which ran directly into the White River. They secured the permission of the present owner of the land on which the wells were located to weld steel plates or plugs on top of the open casing of these three wells and had these plates welded on in the early part of December. These temporary plugs should not be considered as sufficient, and permanent plugging of the last three wells should be required.

Photographs were taken of all four wells on December 22, and are attached in the file for reference.

Well No. 1 - SW SW SW of Sec. 27, T. 9 S., R. 25 E., Uintah Co.

This well appears to be properly plugged and abandoned. It is located in the river bed and is probably surrounded by water when the river is higher. When the well was drilled, the location was some distance from the river; however, the river has evidently meandered around the well. There appeared to be several sizes of conductor pipe from approximately

20" down to approximately 10" set and cemented to the surface, and a string of 8 5/8" cemented and extending about 10 feet above the current level of the river bed. There was no sulphur water leaking from this well.

Well No. 2 - NW NW NW of Sec. 34, T. 9 S., R. 25 E., Uintah Co.

This well was originally drilled by Johnson and later deepened by Phillips. Johnson had set 7" casing at 8343' with 350 saxs of cement. Phillips deepened the well and then plugged it back leaving all of the 7" casing in the hole. Since that time someone has apparently shot off and pulled some of the 7" leaving an open hole from the top of the casing stub to the bottom of the 13 3/4" surface casing set at 360'. The Drillers Log shows a sulphur water sand from 438-448', and this is evidently the source of the water which flowed to the surface after the 7" pipe was pulled. This well flowed an estimated 5 gallons per minute of sulphur water before the steel plate was welded on top of the 8 5/8" casing exposed at the surface. (We have no record of any 8 5/8" pipe in this well.)

Well No. 3 - NW SW NW of Sec. 34, T. 9 S., R. 25 E., Uintah Co.

This well was never properly plugged and has evidently been leaking for some time. We have no record of the amount or size of casing set, although it appears to have 7" casing at the surface. An electric log shows casing set at approximately 50' although we do not know whether this is the 7" or may be a larger diameter surface casing. A steel plate has been welded on top of a flange on the 7" pipe, and a 2" bull plug set in the side of the pipe. This well flowed an estimated 5 gallons per minute of sulphur water before the plate was welded.

Well No. 4 - SW SW NW of Sec. 34, T. 9 S., R. 25 E., Uintah Co.

This well was also drilled prior to the existance of the Commission and very little information is available. A shop-made bull plug is welded to the top of a collar on the 8 5/8" casing at the surface. A 2" bull plug is set in the side of the big plug. This well flowed an estimated 15 gallons of sulphur water per minute before the bull plug was installed. This well was evidentally never properly plugged.

Robert L. Schmidt

ROBERT L. SCHMIDT,
CHIEF PETROLEUM ENGINEER

RLS:awg

JOHNSON-WATSON FEE # 2 WELL

(NEGATIVES IN JOHNSON-WATSON FEE #1 FILE)

018

January 13, 1961

The Watson Oil Company
Vernal,
Utah

Attention: Mr. Henry L. Cornet
President

Re: WATSON-JOHNSON WELLS NOS. 2 THRU 4,
SECTION 34, TOWNSHIP 9 SOUTH, RANGE 25
EAST, SLBM, UINTAH COUNTY, UTAH

Gentlemen:

It is the responsibility of this Commission to insure that all wells drilled for oil and/or gas that are non-productive are properly plugged to prevent, among other things, pollution of our fresh water supplies. After investigation, we are convinced that the above-mentioned wells have been polluting water used for culunary purposes by the town of Bonanza and the American Gilsonite Company. Our Chief Engineer, Robert L. Schmidt, has inspected these wells and he informs us that for the purpose of preventing surface pollution a cap has been welded to the surface casing of each well. This, of course, can only be considered a temporary measure in this respect, and would not prevent possible subsurface pollution.

It is our understanding that the land on which these wells are located as well as the oil and gas rights are now owned by your company. We would, therefore, appreciate your informing us as to whether or not you contemplate plugging these wells within the very near future, and if so, to secure advance approval of any plugging program from this Commission.

Incidentally, we have enclosed a copy of an opinion from the Attorney General which will be of interest to you. The Commission is somewhat unhappy with respect to the ruling on the second question of the Opinion.

As the existing pollution is becoming more critical, the Commission feels immediate action to plug these wells should be taken; and, therefore, any assistance that you may be able to give us with respect to this situation will be greatly appreciated.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co
Encl.
cc: American Gilsonite Company
Vernal, Utah

Mr. Hugh Colton, Atty
Vernal, Utah

January 13, 1961

The Watson Oil Company
Vernal,
Utah

Attention: Mr. Henry L. Cornet
President

Re: WATSON-JOHNSON WELLS NOS. 2 THRU 4,
SECTION 34, TOWNSHIP 9 SOUTH, RANGE 25
EAST, SLBM, UINTAH COUNTY, UTAH

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Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co
Encl.
cc: American Gilsonite Company
Vernal, Utah

Mr. Hugh Colton, Atty
Vernal, Utah

020

April 14, 1961

The Watson Oil Company
37 Mermick Avenue
St. Louis, Missouri

Attention: Mr. H. L. Cornet, Jr.,
President

Re: WATSON - JOHNSON WELLS NOS. 2 THROUGH 4, Section 34, Township 9 South, Range 25 East, SLBM, Uintah County, Utah

Gentlemen:

On January 13, 1961, a copy of the attached letter was sent to the Watson Oil Company, Attention: H. L. Cornet, President, Vernal, Utah, and a carbon copy to Mr. Hugh Colton of Vernal, Utah. Even though we were not certain of your address, it was our understanding that Mr. Hugh Colton was your attorney.

To date we have not received a reply to this letter. Therefore, it would be very much appreciated if you would inform this Commission of the action you intend to take to insure that the above-mentioned wells are properly plugged and abandoned.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co
Attachment

D19

Oil-Ga Setup Backed in Legal Ruling

The Oil & Gas Conservation Commission has authority to require owners of oil wells to plug their wells—even if the wells were drilled before the commission was created in 1955.

CLEON B. Feight, executive secretary of the commission, received the legal backing in an attorney general's opinion issued Thursday.

The problem, Mr. Feight reported, is this: Four Uintah County wells were drilled from 1951 to 1953 within a two-mile area. One of the wells was deepened and in 1956 was plugged under the commission's supervision.

SINCE THEN, according to Mr. Feight, the commission has received complaints that oil, gas and salt water have been leaking from the wells and polluting the White River and downstream water wells.

The question is whether the present owner of the oil and gas rights, who did not drill the wells, may be required to plug them to stop the contamination.

THE ANSWER, in an opinion written by Asst. Atty. Gen. Ronald N. Boyce, was "yes"—the present owner may be required to correct present pollution resulting from past practices.

The opinion held also that the commission could not use its own funds for plugging wells.

022

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

310 NEWHOUSE BUILDING
10 EXCHANGE PLACE
SALT LAKE CITY 11

April 14, 1961

The Watson Oil Company
37 Mermick Avenue
St. Louis, Missouri

Attention: Mr. H. L. Cornet, Jr.,
President

Re: WATSON - JOHNSON WELLS NOS. 2 THROUGH 4, Section 34, Township 9 South, Range 25 East, SLBM, Uintah County, Utah

Gentlemen:

On January 13, 1961, a copy of the attached letter was sent to the Watson Oil Company, Attention: H. L. Cornet, President, Vernal, Utah, and a carbon copy to Mr. Hugh Colton of Vernal, Utah. Even though we were not certain of your address, it was our understanding that Mr. Hugh Colton was your attorney.

To date we have not received a reply to this letter. Therefore, it would be very much appreciated if you would inform this Commission of the action you intend to take to insure that the above-mentioned wells are properly plugged and abandoned.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

Cleon B Feight

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co
Attachment

021

MEMORANDUM TO THE COMMISSION

Attached hereto is a copy of an opinion from the Attorney General with respect to the authority of this Commission to have wells plugged which were drilled prior to the establishment of this commission. This opinion was requested for the following reason:

"Four wells were drilled by Roy M. Johnson during the years of 1951 to 1953 in Sections 27 and 34 of Township 9 South, Range 25 East, SLBM, Uintah County. Subsequently, the oil and gas lease was turned over to Mid America Minerals, Inc. This company, insofar as we can determine, did not rework these wells or drill any new wells. The lease has now been dropped and the Watson Oil Company which owns the land also controls the oil and gas rights. In 1956 the Phillips Petroleum Company deepened the Johnson-Watson Well No. 2, and eventually plugged and abandoned it. The plugging operation was witnessed by Mr. Hauptman.

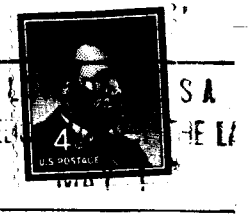
Sometime during the last two years, an unknown person entered these wells and pulled all of the 7-inch casing. Consequently, these wells are leaking oil, gas, and brackish water into the White River which in turn is contaminating some wells used for culunary purposes by the American Gilsonite Company."

The problem now is whether, as a result of the Attorney General's Opinion, we should take action against Watson Oil Company to have these wells plugged.

Incidentally, the Attorney General released his findings to the Tribune prior to the receipt of same by this office.

AFTER TEN DAYS RETURN TO
& GAS CONSERVATION COMMISSION
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

SALT LAKE CITY 2 UTAH
APR 14 6 30PM 1961



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The Watson Oil Company
37 Mermick Avenue
St. Louis, Missouri

Attn: Mr. H.L. Cornet, Jr.
President

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APR 17 1961

(Letter dated Apr. 14 '61)

AFTER TEN DAYS RETURN TO

& GAS CONSERVATION COMMISSION

310 Newhouse Building

10 Exchange Place

Salt Lake City 11, Utah

SALT LAKE CITY UTAH APR 14 6 30PM 1961

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NO SUCH STREET

Attn: Mr. H.L. Cornet, Jr.
President

The Watson Oil Company
37 Mermick Avenue
St. Louis, Missouri

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Letter dated Apr. 14 '61

310 Newhouse Building
10 Exchange Place
Salt Lake City 11

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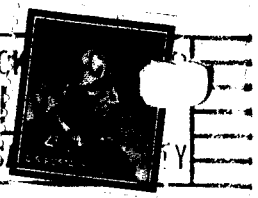

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The Watson Oil Company
Vernal,
Utah

310 Newhouse Building
10 Exchange Place
Salt Lake City 11

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Letter Dated 4-14-61
H. leaves address
Sent on to
(Watson Ut. address)

ON RECLAME (UNCLAIMED)

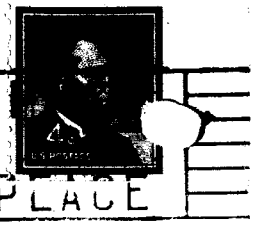
The Watson Oil Company
Vernal,
Utah

AFTER TEN DAYS RETURN TO

OIL & GAS CONSERVATION COMMISSION

310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

[redacted]



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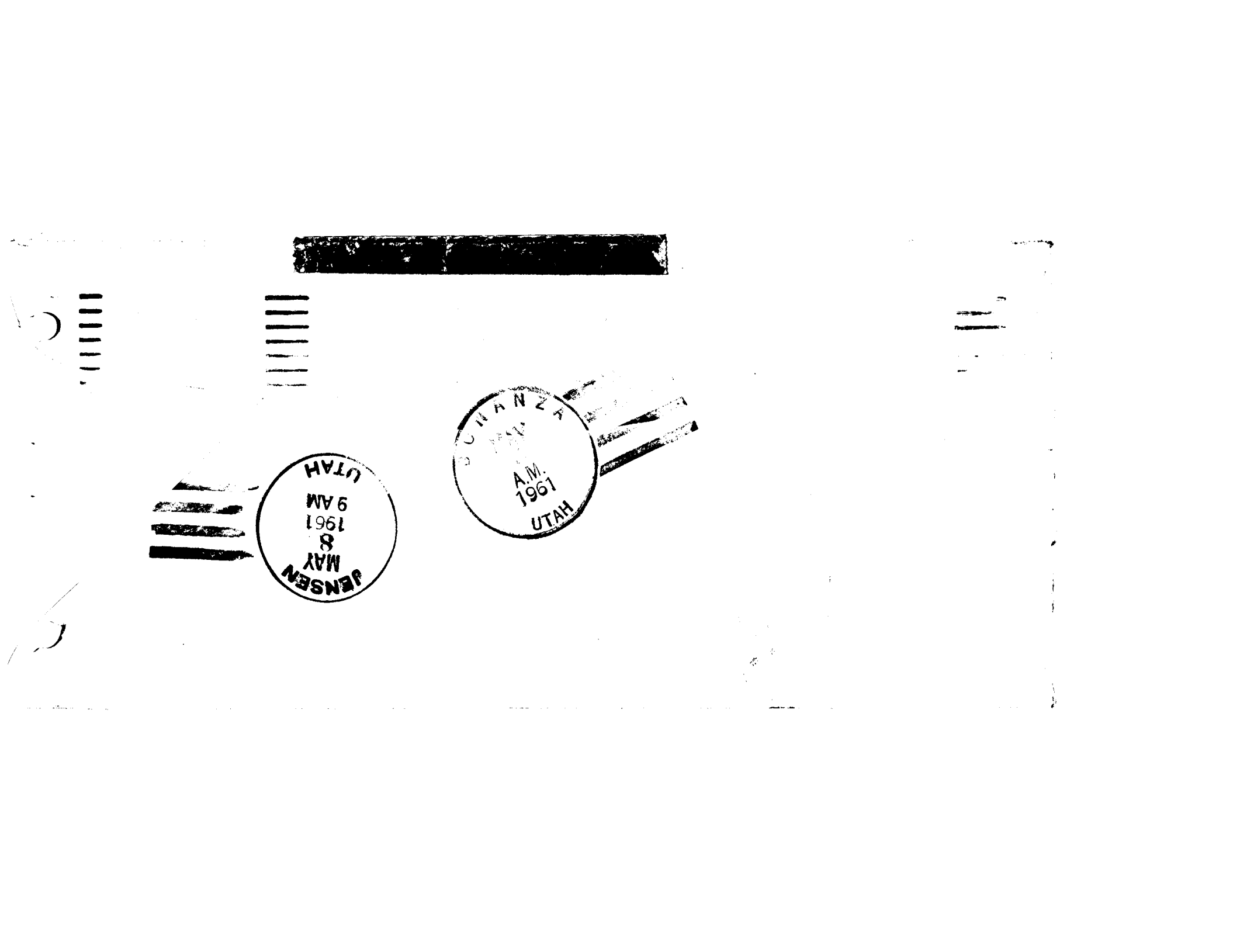
Watson,
Utah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AFTER TEN DAYS RETURN TO
OIL & GAS CONSERVATION COMMISSION
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

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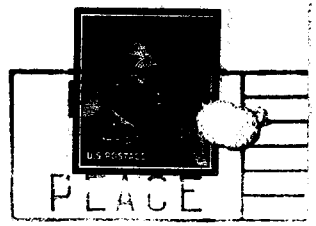

Missent to Brandin, Utah

The Watson Oil Company
Watson,
Utah

024

5-30-01
Please return in file
Jim
J.

June 4, 1974

43-047-10916

MEMO FOR FILING

Re: PHILLIPS PETROLEUM
Johnson-~~Wilcox~~ B-1 (Fee 2)
Sec. 34, T. 9 S, R. 25 E,
Uintah County, Utah

On May 21, 1974, a visit was made to the above referred to well site.

Met with Mr. Paul Borden, Manager, and Mr. Dick Dewey, assistant, of the American Gilsonite Mining Company. They had reported that the town of Bonanza and their camp were experiencing a water quality change from their induced charcoal filtration wells along the banks of the White River. Most significant was the strong odor of hydrogen sulphide. An investigation was then made to the above referred to well, and it was observed that a 1" stream of sulphur water with a scum of oil was leaking from a connection on the well head. Two other shallow wells drilled many years ago were also found. However, no leaks were observed.

The leaking Phillips well had been a problem in the past when certain parties reworked the 13,000' plugged and abandoned well and confiscated the intermediate string. American Gilsonite Company solved the problem by recapping the surface casing. The immediate problem will be solved by the mining company when they install a bull plug in the leaking connection. The problem does not seem to be coming from this well as the volume of fluids are too small to influence the water wells four miles down stream. It is feared that either the leaking well or the other two existing holes have cratered near the surface, and the sulphur water is migrating into the nearby White River from below. Samples and pictures were taken for future analyses. Mr. Borden indicated that when the high waters subside, they would commence White River water sampling surveys from the point of the induced filtration wells up to and past the Phillips well. This information should pinpoint the source of contamination.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:lp

United States Department of the Interior

023

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY
REFER TO:

3163
U-8020

June 3, 1985

RECEIVED

JUN 04 1985

DIVISION OF OIL
GAS & MINING

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center
Suite 350
Salt Lake City, UT 84180-1203

Re: Unknown Well NWNW Section 34,
T.9S., R.25E., SLBM;
Patented Land.

Gentlemen:

For your information, on May 31, 1985, personnel of this office visited the above referenced abandoned well. As seen in the enclosed photographs, the apparently unplugged well is flowing water and a small amount of crude oil at the surface and into the White River. The well is located approximately fifteen feet from the river.

If we can be of any assistance, please contact Jamie Sparger in this office.

Sincerely,

(acting for)
Dean L. Evans
Area Manager
Bookcliffs Resource Area

Enclosures (3)

John Baza - Re: Phillips Pet request for bond release

From: Dan Jarvis
To: Gil Hunt; Jim Thompson
Date: 01/15/2002 10:06 AM
Subject: Re: Phillips Pet request for bond release
CC: Don Staley; John Baza

The first three wells have been inspected and should be released. The Johnson-Watson Fee #2 poses a real problem. In reviewing the file the well has been a problem well since the 1950's. There is documentation in the file that the well was never properly plugged. Phillips reentered the well in the 50's and subsequently started a plugging program. The last plug they set was at 4400 feet. They left the casing and valves in place. It is documented that numerous parties have been concerned that the well is still leaking water. It appears that in 1961 the Utah Attorney General wrote an opinion on this well concurring that it was not properly plugged. A recent inspection by Dave Hackford indicates that the well is now on the bank of the White River. I feel that since Phillips is the operator of record at this time and has requested a bond release we should see if we can resolve this issue once and for all. I also think that the well status should be changed from PA to TA in the database so our records reflect our opinion of this well.

>>> Jim Thompson 01/10/02 03:31PM >>>
The following fee wells need a final inspection:

Hatch Fee A-1 (PA)
43-017-10901
16-37S-06W

Price "N" 1 (PA)
43-039-30002
29-15S-03E

Roosevelt B #8 (LA)
43-047-31449
13-01S-01W

Johnson-Watson Fee 2 (TA? PA?)
43-047-10916
34-09S-25E

This well maybe a problem, looking at all the past inspections and according to the last inspection by DLI in 1993; the well is in the White River and is TA not PA as indicated on the oil and gas database.

025

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

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 20, 2002

TO: Well File

FROM: John Baza, Associate Director

RE: Status of Johnson-Watson Fee #2 Well, API #43-047-10916, NW NW Sec. 34, T. 9S, R. 25E, Uintah County

In response to a request for bond release by Phillips Petroleum Company ("Phillips"), the Division of Oil, Gas and Mining ("the Division") identified the referenced well as a plugged and abandoned well assigned to Phillips. Upon inspection, and after a subsequent review of the well file, it is clear that the well has existed in an improperly plugged state for nearly forty years. However, it is not clear who was responsible for compromising the plugged integrity of the well or when such event occurred. Based on the record of the well maintained by the Division, I am acknowledging that Phillips is not the responsible party for repairing or properly plugging the referenced well.

Division records show that Roy M. Johnson, et al. originally drilled and completed the well in 1951 and subsequently temporarily abandoned the well. In November 1955, Phillips submitted its Notice of Intent to re-enter and deepen the well. Phillips concluded their operations in March 1956 and submitted reports showing the well as plugged and abandoned. Following Phillips' operations, there appears to be confusion about the status and ownership of the well and attached mineral interests because in 1958, an independent contractor requested approval of the Oil and Gas Commission ("the Commission", predecessor to the Division) to "P & A this well, which now stands full of heavy mud from T.D. 9605 to surface." During 1959 and 1960, the Commission wrote several letters to Watson Oil Company and Mid-America Minerals, Inc. seeking consent for the plugging and salvaging operations, but neither company accepted ownership of the well or mineral estate.

In January 1961, Robert L. Schmidt, Chief Petroleum Engineer for the Commission inspected the well and wrote a memorandum that states Phillips deepened the well, plugged it, and "Since that time someone has apparently shot off and pulled some of the 7" leaving an open hole from the top of the casing stub to the bottom of the

13-3/4" surface casing set at 360'." Other reports in the file indicate that the well leaked water and oily fluid on and off through the 1960's, 70's, and 80's.

It appears that the Commission accepted that Phillips properly plugged and abandoned the well following their deepening operations in 1956. In the well file, there is an undated and unsigned Memorandum to the Commission written several years later that indicates "The plugging operation was witnessed by Mr. Hauptman." The Commission never notified Phillips of any subsequent responsibility for properly plugging the leaking well; therefore, it seems that problems with the well occurred after Phillips operations were completed in accordance with Commission requirements. There is no further Division record showing assignment of responsibility to Phillips for the plugged well other than entry in the Division's electronic database that was created in 1984. In all likelihood, the database entry showing Phillips as operator was established for administrative convenience and for no other reason.

For these reasons, with this memorandum I am acknowledging that Phillips is not the responsible party for replugging the referenced well. The Division will pursue proper plugging of the well by the authority of §40-6-14.5 (3) of the Utah Code that states, "Account monies shall be used to pay for the . . . plugging and reclamation of abandoned oil or gas wells or bore, core, or exploratory holes for which there is no reclamation surety."

er

cc: Dustin Doucet
Don Staley
Jim Thompson (Bond File)

WELL FILE INDEX OF SCANNED DOCUMENTS

API Number	4304710916			Well Name	Johnson-Watson Fee #2 (B-1)		
Document number	Doc Code	Work Type Code	Document Date	Date Received	From	To	Comment
1	Well Record		11/10/1951			Roy Johnson	60' - 9504'
2	APD	DEEPEN	11/18/1955	11/18/1955	OGCC	Phillips Petroleum Co	APD + plat & formation TD 11400'
3	Letter	DEEPEN	11/18/1955		Phillips Petroleum Co	OGCC Lee Young	Approval to Deepen
4	Sundry	Plug	12/06/1956	03/15/1956	OGCC	Phillips Petroleum Co	Abandonment & Plugging Affidavit 13308'
5	Letter	Plug	06/26/1956		Phillips Petroleum Co	OGCC C. Feight	Approval to P&A
6	WCR		03/02/1956	08/01/1956	OGCC	Phillips Petroleum Co	
7	Sundry	Plug			OGCC	Mid America Minerals Inc	Plug request by Chas McConkie, Operator
8	Letter		12/19/1958		Mid America Minerals Inc	M & M Pipe & Salvage	re: salvage of materials; Mid America not owner of same lease as Johnson
9	Letter		12/26/1958		M & M Pipe & Salvage	Dr. Otey Johnson	re: salvage of materials
10	Letter		01/29/1959		OGCC C. Hauptman, PE	Watson Oil Co	Notice of unsatisfactory conditions of abandonment
11	Letter		01/29/1959		OGCC C. Hauptman, PE	Watson Oil Co	Notice of unsatisfactory conditions of abandonment w/handwritten note
12	Letter		03/10/1959		OGCC C. Hauptman, PE	Watson Oil Co	Trying for properly plugged after casing pulled; contract between owner and McConkie.
13	Letter		11/14/1960	11/16/1960	Phillips Petroleum Co	OGCC C. Feight	Request for plugging reports; handwritten note from state employee
14	Letter		11/23/1960		OGCC C. Feight	Mid America Minerals Inc	Request for status of ownership and contract to p&a well
15	Letter		11/28/1960	11/29/1960	Mid America Minerals Inc	OGCC C. Feight	No current lease or salvage rights
16	Photo 1		12/22/1960				Johnson-Watson Fee #2 Well
17	Memo		01/04/1961		OGCC R. Schmidt, PE	file	Inspection report of well
18	Letter		01/13/1961		Watson Oil Co	OGCC C. Feight	Request to have well plugged correctly.
19	Newsarticle				Salt Lake Tribune		"Oil-Gas Setup Backed in Legal Ruling"
20	Letter		04/14/1961		OGCC C. Feight	Watson Oil Co	Asked operators intent; unsure of operator address
21	Memo						Notes of Attorney Generals opinion
22	Letter		04/14/1961	04/19/1961	OGCC C. Feight	Watson Oil Co	4/14/61 letter returned w/attachment letter dated 1/13/61
23	Letter		06/03/1985	06/04/1985	BLM D. L. Evans	DOGM	Their inspection shows leaks
24	Memo		06/04/1974		DOGM P. W. Burchell, PE	file	Inspection report of well
25	Memo		02/20/2002		DOGM J. R. Baza	file	Phillips not responsible to replug well
Photo 2			03/02/1956				referenced plug date of 3/2/56 4 pics
Photo 3			05/12/1974				1 pic
Photo 4			06/02/1997				2 pics

026

NOTICE OF AGENCY ACTION CAUSE NO. OWP-047-03-1

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

IN THE MATTER OF THE DIVISION OF OIL, GAS AND MINING CONDUCTING PLUGGING OPERATIONS ON THE JOHNSON-WATSON FEE #2 WELL LOCATED IN SEC. 34, T9S, R25E, S.L.B.&M., UINTAH COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider whether the Division may proceed to plug the Johnson-Watson Fee #2 well located in the NW1/4, NW1/4, of Sec. 34, T9S, R25E, S.L.B.&M., Uintah County, Utah. The adjudicative proceeding will be conducted informally according to R649-10-3.2.1.5, including Utah Code 63-46b-4 and 63-46b-5, if applicable.

The Division finds that the well was plugged in 1956. Subsequent unapproved work may have compromised the original plug(s). The well has had a history of leaking since the 1970's. The Division has been unsuccessful in identifying a responsible party for the well. Therefore the Division also finds that no operator currently exists for the well and that the well constitutes a public nuisance and threat to public health, safety and welfare. The Division now proposes to utilize funds allocated for orphan well plugging to permanently plug the well.

Any person with any ownership interest in the mineral estate, the well bore, the onsite equipment, etc., desiring to object to the proposed action or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, UT 84114-5801. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 7th day of March, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
John R. Baza,
Associate Director

Published in the Vernal Express March 12, 2003.

PROOF OF PUBLICATION

STATE OF UTAH,

}SS.

County of Uintah

43-047-10916

I, TERRI A. BLACK,
being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a weekly newspaper of general circulation, published each week at Vernal, Utah, that the notice attached hereto was published in said newspaper
for 1 publication(s),

the first publication having been made on

the 12th of March, 2003 and the last

on the 12th day of March, 2003, that

said notice was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By T Black
Manager

Subscribed and sworn to before me, this
12th day of March A.D. 2003

Notary Public, Residence, Vernal, Utah

FORM 9

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

027

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: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Johnson-Watson Fee 2

2. NAME OF OPERATOR: Orphan - No Responsible Operator

9. API NUMBER: 4304710916

3. ADDRESS OF OPERATOR: NA CITY STATE ZIP

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 0600 FNL 0300 FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 09S 25E S

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☑ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
6/24/2004	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

This well was plugged and abandoned under contract 036421 as part of the Orphan Well Plugging Program. Work commenced on September 2, 2003, work was suspended from September 16, 2003 until June 15, 2004 for endangered species restrictions and work was completed on June 24, 2004. A summary of the work done is attached.

NAME (PLEASE PRINT) Dustin K. Doucet TITLE Petroleum Engineer

SIGNATURE [signature] DATE 10/13/2004

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Client Number of Hours	Client Cost	Client Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	12	660		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		======
TOTAL OPERATING TIME			660		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
	======	======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
			=======		=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			=======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Disposal	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45		0	
Water Quality Sample		175.7	1	175.7	
				=======	=====
				175.7	0

G. LABOR SUMMARY

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	835.67
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/2/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Jason drove from Cedaredge, CO to job site & collected water quality samples, which he dropped off in Grand Junction, CO.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Client Number of Hours	Client Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	4	340		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			340		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Packer (type/size)				0	
Tubing ($/foot)				0	
				0	
				======	=====
				0	0

F. OTHER CHARGEABLE

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45		0	
Transport fee for delivering cement		500	1	500	
				======	=====
				500	0

G. LABOR SUMMARY

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Laborer		35		0	
Laborer		35		0	
Laborer		35		0	
Laborer		35		0	
				======	======
				0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	840
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/4/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Jason drove to job site. unloaded transport & ran backhoe

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	12	1020		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	2.5	137.5		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			1157.5		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Disposal	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45	1	45	
				======	=====
				45	0

G. LABOR SUMMARY

	CLIENT RATE	Quantity	COST	RACS
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	1202.5
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/5/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Bobby used the backhoe for road repair

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	10	850		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	2.5	137.5		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			=======		=======
TOTAL OPERATING TIME			987.5		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45	1	45	
				======	=====
				45	0

G. LABOR SUMMARY

	CLIENT RATE	Quantity	COST	RACS
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	1032.5
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/6/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Bobby used the backhoe for road repair

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Client Number of Hours	Client Cost	Client Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	4	340		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	2.5	137.5		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			477.5		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispos	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45	1	45	
				======	=====
				45	0

G. LABOR SUMMARY

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	522.5
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/7/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Bobby used the backhoe for road repair

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			0		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispos	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by /	including crew & equipmen	385		0	
Per Diem	per man / per day	45	2	90	
mob/de-mob		10000	1	10000	
				======	=====
				10090	0

G. LABOR SUMMARY

	CLIENT RATE	Quantity	COST	RACS
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	10,090.00
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/8/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Mob equipment from Cedaredge, CO to well site, UT

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Client Number of Hours	Client Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	8	440		
			======		=======
TOTAL OPERATING TIME			440		0

B. NON OPERATING

	Client		RACS
Repairs(Describe in Remarks)			
Service / Maint.			
Delays - access			
- water			
- cement set			
	======		=======
TOTAL NON-OP TIME	0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245	1	245	
Tool pusher/ operations supervisor		65	12	780	
Stand by /	including crew & equipmen	385		0	
Per Diem	per man / per day	45	2	90	
				======	=====
				1115	0

G. LABOR SUMMARY

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Laborer	35	8	280	
Laborer	35	8	280	
Laborer	35	8	280	
Laborer	35		0	
			======	======
			840	0

CLIENT	UT DOGM	TOTAL INVOICE COST	2395
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/9/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel from vernal to job site. gas sample: 100% CH4, 0% O2, 0% CO, 0% H2S. Fabrication on well head ring, travel.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Client Number of Hours	Client Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60	2.5	150		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32	3	96	Crude	
Hauling Water	65	6	390	Circ.	
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	1	85		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	2	110		
			======		=======
TOTAL OPERATING TIME			831		0

B. NON OPERATING

	Client		RACS
Repairs(Describe in Remarks)			
Service / Maint.			
Delays - access			
- water			
- cement set			
	======		=======
TOTAL NON-OP TIME	0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15	85	1373	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				=======	=====
				1373	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			=======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245	1	245	
Tool pusher/ operations supervisor		65	14	910	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45	2	90	
				=======	=====
				1245	0

G. LABOR SUMMARY

	CLIENT RATE	CLIENT Quantity	CLIENT COST	RACS
Laborer	35	10	350	
Laborer	35	12	420	
Laborer	35	12	420	
Laborer	35	12	420	
			======	======
			1610	0

CLIENT	UT DOGM	TOTAL INVOICE COST	5058.75
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/10/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel, finish fabrication on well head, blead gas (250 PSI), haul dirt to river bank, pump river water down-hole, load cementer, travel

RACS

A. OPERATING

Equipment Functions	Client				RACS
	Hourly Rate	Number of Hours	Cost	Project Name	
Cement Pump Truck					
Well circulation	350	3	1050		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32	16	512		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	4	220		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	0.5	27.5		
			======		=======
TOTAL OPERATING TIME			1809.5		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
			=======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				=======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			=======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl p	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245	1	245	
Tool pusher/ operations supervisor		65	23	1495	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45	2	90	
Absorbant pads 17 X 19		53.13	2	106.3	
Absorbant Socks 3 X8		146.7	2	293.3	
				=======	=====
				2230	0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Laborer		35	18	630	
Laborer		35	18	630	
Laborer		35	18	630	
Laborer		35	14	490	
				=======	=======
				2380	0

CLIENT	UT DOGM	TOTAL INVOICE COST	6419.08
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/11/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel, shut in well over night (50 PSI), pump river water down hole, spill containment, circulate well into water truck, travel

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Client Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		======
TOTAL OPERATING TIME			0		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
	======	======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED (specify quantities & types)

		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
			======		=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65	6	390	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45	2	90	
Casing				25	
Flange				152	
				======	=====
				657	0

G. LABOR SUMMARY

	CLIENT RATE	Quantity	COST	RACS
Laborer	35	6	210	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			210	0

CLIENT	UT DOGM	TOTAL INVOICE COST	867
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/12/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Meeting, parts run & check on well

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	5	275		
			======		=======
TOTAL OPERATING TIME			275		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	=====
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl p	152		0	
Water Dispo	per/bbl	0.97		0	
Travel/ 4 man crew & vehicle		245	1	245	
Tool pusher/ operations supervisor		65	6	390	
Stand by /	including crew & equipmen	385		0	
Per Diem	per man / per day	45	2	90	
				======	=====
				725	0

G. LABOR SUMMARY

	CLIENT RATE	Quantity	COST	RACS
Laborer	35	1	35	
Laborer	35	6	210	
Laborer	35	6	210	
Laborer	35	6	210	
			======	======
			665	0

CLIENT	UT DOGM	TOTAL INVOICE COST	1665
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/13/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel, field fab flange cap. stack-out & partial de-mob

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Client Number of Hours	Client Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65	3	195		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			195		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		RATE	Quantity	CLIENT COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				======	======
				0	0

E. MATERIALS LEFT IN HOLE

	RATE	Quantity	CLIENT COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			======	======
			0	0

F. OTHER CHARGEABLE

		RATE	Quantity	CLIENT COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97	17	16.49	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65		0	
Stand by / including crew & equipmen		385		0	
Per Diem	per man / per day	45		0	
				======	======
				16.49	0

G. LABOR SUMMARY

	RATE	Quantity	CLIENT COST	RACS
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			======	======
			0	0

CLIENT	UT DOGM	TOTAL INVOICE COST	211.49
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/14/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Haul off crude waste

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well circulation	350		0		
Rigging up/down	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27	3	81		
Trash Pump	10		0		
Welding/ torches	55		0		
TOTAL OPERATING TIME			81		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Gel (bags)					
Calcium Chloride					
Packer (size & type)					
LCM (size,type &Qty)					
Cement	Cost per sack	16.15		0	
Cement w/2% cacl		17.2			
Fondu (bags/lbs.)					
Plasticizer (bags)					
Water (gal.)					
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)			0	
Tubing ($/foot)			0	
			0	
			0	0

F. OTHER CHARGEABLE

		CLIENT RATE	Quantity	COST	RACS
Trip Permit				0	
Fuel Permit				0	
Frac Tank	500 bbl	152		0	
Water Dispo	per/bbl	0.97		0	
Solid Waste Disposal			2.5 yds	99	
Travel/ 4 man crew & vehicle		245		0	
Tool pusher/ operations supervisor		65	3	195	
Stand by /	including crew & equipmen	385		0	
Per Diem	per man / per day	45		0	
				294	0

G. LABOR SUMMARY

	CLIENT RATE	Quantity	COST	RACS
Laborer	35	3	105	
Laborer	35		0	
Laborer	35		0	
Laborer	35		0	
			105	0

CLIENT	UT DOGM	TOTAL INVOICE COST	480
LOCATION	WNW Sec. 34 T9S R25E		
DATE: (mm/dd/yy)	9/15/2003		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Haul off solid waste

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	6	510		
Reclamation	85		0		
moving casing	85		0		
Misc.	85	6	510		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	6	330		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			1350		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED (specify quantities & types)

		CLIENT RATE	Quantity	COST	RACS
Bentonite	Price Per #			0	
Cal. Chloride C	Price Per #	17.2		0	
Cal Seal	Price Per #			0	
Cel Flake	Price Per #			0	
Delay Set	Price Per #			0	
Plastisizer	Price Per #			0	
Pozzolan	Price Per #			0	
Slik Pak	Price Per #			0	
Sand	Price Per #			0	
Sodium Silicate	Price Per Gallon			0	
Cement	Price Per 94# sack	16.15		0	
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	Quantity	COST	RACS
Packer (type/size)					
Tubing ($/foot)					
				====	====
				0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST	RACS
Frac Tank	per day	152		0	
Water Disposal	per/bbl	0.97		0	
Travel-4 man crew & Vehicle		245		0	
Tool Pusher / Operation Supervisor		65	1	65	
Stand-by, including crew & equipment		385		0	
Per Diem		45	1	45	
Vac Truck	RNI Trucking	70		0	
				0	
				0	
				0	
				0	
				======	=====
				110	0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Operator C1	Jerry	35		0	6
Operator C1	Edward	35		0	13
Operator C1	Travis	35		0	
Operator C2	Adam	35		0	
Operator C2	Boyd	35		0	
Operator C2	Brian	35		0	
Operator C2	Chance	35		0	
Operator C2	Cliff	35		0	
Operator C2	Greg	35		0	
Operator C2		35		0	
			=====	=====	====
			0	0	19

CLIENT	UT DOGM	TOTAL INVOICE COST 1,460	1,460
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/11/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

Remarks: Edward & Jerry: unloaded transport w/cement & transport w/tubing, road repair w/backhoe, hauled cement from upper laydown to well site w/pick up & trailer, trammed back hoe from upper laydown to well site.

RACS

A. OPERATING

Equipment Functions	Client				RACS
	Hourly Rate	Number of Hours	Cost	Project Name	
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85	6	510		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			510		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
- client					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT				RACS
		RATE	Quantity	COST		
Bentonite	Price Per #			0		
Cal. Chloride C	Price Per #	17.2		0		
Cal Seal	Price Per #			0		
Cel Flake	Price Per #			0		
Delay Set	Price Per #			0		
Plastisizer	Price Per #			0		
Pozzolan	Price Per #			0		
Slik Pak	Price Per #			0		
Sand	Price Per #			0		
Sodium Silicate	Price Per Gallon			0		
Cement	Price Per 94# sack	16.15		0		
				======		=====
				0		0

E. MATERIALS LEFT IN HOLE

		CLIENT				RACS
		RATE	Quantity	COST		
Packer (type/size)						
Tubing ($/foot)						
				====		====
				0		0

F. OTHER CHARGEABLE

MATERIALS		CLIENT				RACS
		RATE	Quantity	COST		
Frac Tank	per day	152		0		
Water Disposal	per/bbl	0.97		0		
Travel-4 man crew & Vehicle		245		0		
Tool Pusher / Operation Supervisor		65	1	65		
Stand-by, including crew & equipment		385		0		
Per Diem		45		0		
Vac Truck	RNI Trucking	70		0		
				0		
				0		
				0		
				0		
				======		=====
				65		0

G. LABOR SUMMARY

		CLIENT				RACS
		RATE	Quantity	COST		
Operator C1	Jerry	35		0		
Operator C1	Edward	35		0		7
Operator C1	Travis	35		0		
Operator C2	Adam	35		0		
Operator C2	Boyd	35		0		
Operator C2	Brian	35		0		
Operator C2	Chance	35		0		
Operator C2	Cliff	35		0		
Operator C2	Greg	35		0		
Operator C2		35		0		
			=====	=====		====
			0	0		7

CLIENT	UT DOGM	TOTAL INVOICE COST 575	575
LOCATION	NW Sec. 34 T9S R25		
DATE: (mm/dd/yy)	6/12/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Edward: ran backhoe making road improvements to main road, moving rocks & re-grading rutted areas.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		6
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT	20		0		6
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		11
Service Truck	55		0		
Trailer	27		0		11
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			0		34

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Bentonite	Price Per #			0	
Cal. Chloride C	Price Per #	17.2		0	
Cal Seal	Price Per #			0	
Cel Flake	Price Per #			0	
Delay Set	Price Per #			0	
Plastisizer	Price Per #			0	
Pozzolan	Price Per #			0	
Slik Pak	Price Per #			0	
Sand	Price Per #			0	
Sodium Silicate	Price Per Gallon			0	
Cement	Price Per 94# sack	16.15		0	
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	Quantity	COST	RACS
Packer (type/size)					
Tubing ($/foot)					
				====	====
				0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST	RACS
Frac Tank	per day	152		0	
Water Disposal	per/bbl	0.97		0	
Travel-4 man crew & Vehicle		245		0	
Tool Pusher / Operation Supervisor		65		0	
Stand-by, including crew & equipment		385		0	actual
Per Diem		45		0	cost
Work Platform	fabrication	1	2720	2720	~~2366~~ 2361
Well containment tub	fabrication	1	934	934	813
Steel	material for both	1	1058	1058	920
Vac Truck	RNI Trucking	70		0	
				0	
				======	=====
				4712	4099

2715 Allow DRD

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Operator C1	Jerry	35		0	
Operator C1	Edward	35		0	11
Operator C1	Travis	35		0	
Operator C2	Adam	35		0	
Operator C2	Boyd	35		0	
Operator C2	Brian	35		0	
Operator C2	Chance	35		0	
Operator C2	Cliff	35		0	
Operator C2	Greg	35		0	
Operator C2	Erik	35		0	11
			=====	=====	====
			0	0	22

CLIENT	UT DOGM	TOTAL INVOICE COST ~~4,712~~ 4707.09	~~4,712~~ DRD
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/13/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Edward & Eric: mobed in CPT, CTU, work platform & containment tub.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85	3	255		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	9	495		
Boom Truck	55	0	0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			750		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED (specify quantities & types)

		CLIENT RATE	Quantity	COST	RACS
Bentonite	Price Per #			0	
Cal. Chloride C	Price Per #	17.2		0	
Cal Seal	Price Per #			0	
Cel Flake	Price Per #			0	
Delay Set	Price Per #			0	
Plastisizer	Price Per #			0	
Pozzolan	Price Per #			0	
Slik Pak	Price Per #			0	
Sand	Price Per #			0	
Sodium Silicate	Price Per Gallon			0	
Cement	Price Per 94# sack	16.15		0	
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)				
Tubing ($/foot)				
			====	====
			0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST	RACS
Frac Tank	per day	152	1	152	
Water Disposal	per/bbl	0.97		0	
Travel-4 man crew & Vehicle		245	1	245	
Tool Pusher / Operation Supervisor		65	5	325	
Stand-by, including crew & equipment		385		0	
Per Diem		45	2	90	
Vac Truck	RNI Trucking	70		0	
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0	
				0	
				0	
				0	
				======	=====
				812	0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Operator C1	Jerry	35	0	0	10
Operator C1	Edward	35		0	12
Operator C1	Travis	35	0	0	10
Operator C2	Adam	35	0	0	6
Operator C2	Boyd	35	0	0	6
Operator C2	Brian	35	0	0	6
Operator C2	Chance	35		0	
Operator C2	Cliff	35		0	
Operator C2	Greg	35		0	
Operator C2		35		0	
			=====	=====	====
			0	0	50

CLIENT	UT DOGM	TOTAL INVOICE COST 1,562	1,562
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/14/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travis & Jerry picked up boom truck & trailer from Price & mobed to Vernal. Then hauled cement from upper laydown to well site w/boom truck, pick-up & trailer. Used fork lift & back hoe. Edward spotted mud tank & mobed in doghouse. Hands un-packed & organized.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85	4	340		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	15	825		
			======		=======
TOTAL OPERATING TIME			1165		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
- client					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST		RACS
Bentonite	Price Per #			0		
Cal. Chloride C	Price Per #	17.2		0		
Cal Seal	Price Per #			0		
Cel Flake	Price Per #			0		
Delay Set	Price Per #			0		
Plastisizer	Price Per #			0		
Pozzolan	Price Per #			0		
Slik Pak	Price Per #			0		
Sand	Price Per #			0		
Sodium Silicate	Price Per Gallon			0		
Cement	Price Per 94# sack	16.15		0		
				======		=====
				0		0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	Quantity	COST		RACS
Packer (type/size)						
Tubing ($/foot)						
				====		====
				0		0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST		RACS
Frac Tank	per day	152	1	152		
Water Disposal	per/bbl	0.97		0		
Travel-4 man crew & Vehicle		245	1	245		
Tool Pusher / Operation Supervisor		65	12	780		
Stand-by, including crew & equipment		385		0		
Per Diem		45	2	90		
Vac Truck	RNI Trucking	70		0		
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0		
mob/de-mob of pipe & left-over cement		1178	1	1178	Invoice	
				0		
				0		
				======		=====
				2445		0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST		RACS
Operator C1	Jerry	35		0		14.5
Operator C1	Edward	35		0		12
Operator C1	Travis	35		0		14.5
Operator C2	Adam	35	0	0		10
Operator C2	Boyd	35	0	0		10
Operator C2	Brian	35	0	0		10
Operator C2	Chance	35		0		
Operator C2	Cliff	35		0		
Operator C2	Greg	35		0		
Operator C2		35		0		
			=====	=====		====
			0	0		71

CLIENT	UT DOGM	TOTAL INVOICE COST 3,610	3,610
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/15/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Jerry, Travis, Edward, hands fabrication & prep. Moved pipe, set the boom truck, clean pipe threads, ran float sock across river, set-up hoses, fitting & valve configurations etc. Welded on containment tub.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265		0		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85	10	850		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	10	550		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	10	550		
			======		=======
TOTAL OPERATING TIME			1950		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Bentonite	Price Per #			0	
Cal. Chloride C	Price Per #	17.2		0	
Cal Seal	Price Per #			0	
Cel Flake	Price Per #			0	
Delay Set	Price Per #			0	
Plastisizer	Price Per #			0	
Pozzolan	Price Per #			0	
Slik Pak	Price Per #			0	
Sand	Price Per #			0	
Sodium Silicate	Price Per Gallon			0	
Cement	Price Per 94# sack	16.15		0	
				======	=====
				0	0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	Quantity	COST	RACS
Packer (type/size)					
Tubing ($/foot)					
				====	====
				0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST	RACS
Frac Tank	per day	152	1	152	
Water Disposal	per/bbl	0.97		0	
Travel-4 man crew & Vehicle		245	1	245	
Tool Pusher / Operation Supervisor		65	15	975	
Stand-by, including crew & equipment		385		0	
Per Diem		45	2	90	
Vac Truck	RNI Trucking	70		0	
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0	
				0	
				0	
				0	
				======	=====
				1462	0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Operator C1	Jerry	35		0	15
Operator C1	Edward	35		0	18
Operator C1	Travis	35		0	15
Operator C2	Adam	35	0	0	15
Operator C2	Boyd	35	0	0	15
Operator C2	Brian	35	0	0	15
Operator C2	Chance	35		0	
Operator C2	Cliff	35		0	
Operator C2	Greg	35		0	
Operator C2		35		0	
			=====	=====	====
			0	0	93

CLIENT	UT DOGM	TOTAL INVOICE COST 3,412	3,412
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/16/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Jerry, Travis, Edward & hands: Fabrication work, move cement, swap forklift & backhoe, ordered sub from Northwest Machine,. Edward: travel to GJ to pick up sub.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265	14	3710		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	12	660		
			======		=======
TOTAL OPERATING TIME			4370		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED (specify quantities & types)

		CLIENT RATE	Quantity	COST		RACS
Bentonite	Price Per #			0		
Cal. Chloride C	Price Per #	17.2		0		
Cal Seal	Price Per #			0		
Cel Flake	Price Per #			0		
Delay Set	Price Per #			0		
Plastisizer	Price Per #			0		
Pozzolan	Price Per #			0		
Slik Pak	Price Per #			0		
Sand	Price Per #			0		
Sodium Silicate	Price Per Gallon			0		
Cement	Price Per 94# sack	16.15		0		
				======		=====
				0		0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)				
Tubing ($/foot)				
			====	====
			0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST		RACS
Frac Tank	per day	152	1	152		
Water Disposal	per/bbl	0.97		0		
Travel-4 man crew & Vehicle		245	1	245		
Tool Pusher / Operation Supervisor		65	15	975		
Stand-by, including crew & equipment		385		0		
Per Diem		45	2	90		
8.63" X 5.5" sub from North West Machine		1610	1	1610	Invoice	
Vac Truck	RNI Trucking	70		0		
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0		
				0		
				0		
				======		=====
				3072		0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST		RACS
Operator C1	Jerry	35		0		14
Operator C1	Edward	35		0		15
Operator C1	Travis	35	0	0		14
Operator C2	Adam	35	0	0		14
Operator C2	Boyd	35	0	0		14
Operator C2	Brian	35	0	0		14
Operator C2	Chance	35		0		
Operator C2	Cliff	35		0		
Operator C2	Greg	35		0		
Operator C2		35		0		
			=====	=====		====
			0	0		85

CLIENT	UT DOGM	TOTAL INVOICE COST 7,442	7,442
LOCATION	VNW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/17/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Fabrication & prep work. Edward delivers sub from Northwest @2:00 P.M. custom fitting & Welding on sub (8 5/8" slip X 5.5" 8-round). Spotted CTU & boom truck, well head prep (bop's, diverter,etc.).

RACS

A. OPERATING

Equipment Functions	Client				RACS
	Hourly Rate	Number of Hours	Cost	Project Name	
Cement Pump Truck					
Well Circulation	350	2	700		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158		0		
Tagging the hole	265	5	1325		
Setting Packer	265		0		
Running Coil Tubing	265	11	2915		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85	2	170		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	8	440		
			======		=======
TOTAL OPERATING TIME			5550		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
- client					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST		RACS
Bentonite	Price Per #			0		
Cal. Chloride C	Price Per #	17.2		0		
Cal Seal	Price Per #			0		
Cel Flake	Price Per #			0		
Delay Set	Price Per #			0		
Plastisizer	Price Per #			0		
Pozzolan	Price Per #			0		
Slik Pak	Price Per #			0		
Sand	Price Per #			0		
Sodium Silicate	Price Per Gallon			0		
Cement	Price Per 94# sack	16.15		0		
				======		=====
				0		0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	Quantity	COST		RACS
Packer (type/size)						
Tubing ($/foot)						
				====		====
				0		0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST		RACS
Frac Tank	per day	152	1	152		
Water Disposal	per/bbl	0.97		0		
Travel-4 man crew & Vehicle		245	1	245		
Tool Pusher / Operation Supervisor		65	15	975		
Stand-by, including crew & equipment		385		0		
Per Diem		45	2	90		
EZ Tapper, hot tapping unit		4460	1	4460	Invoice	
Vac Truck	RNI Trucking	70		0		
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0		
				0		
				0		
				======		=====
				5922		0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST		RACS
Operator C1	Jerry	35		0		16
Operator C1	Edward	35		0		16
Operator C1	Travis	35		0		16
Operator C2	Adam	35		0		16
Operator C2	Boyd	35		0		16
Operator C2	Brian	35		0		16
Operator C2	Chance	35		0		
Operator C2	Cliff	35		0		
Operator C2	Greg	35		0		
Operator C2		35		0		
			=====	=====		====
			0	0		96

CLIENT	UT DOGM	TOTAL INVOICE COST 11,472	11,472
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/18/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel, Hot tapped the well, modify & fab. Well parts & assemble well head. Ran in with wireline & 35# weight, tagged hole @ 406', trip in 15 rods of 2 3/8" tubing with float sub & circulated 3,500 gal. of fresh water, shut well in, travel.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350	3.5	1225		
Rigging up	500		0		
Pumping Cement	500	1	500		
Mob / Demob/ Load	60	0	0		
Coil Tubing Unit					
Stand-by	158	5	790		
Tagging the hole	265	1.5	397.5		
Setting Packer	265		0		
Running Coil Tubing	265	5	1325		
Mob / Demob W/CPT	265	2.5	662.5		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85	0.5	42.5		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			4942.5		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2	115 sacks		1120	912	208
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT RATE	Quantity	COST	RACS
Bentonite	Price Per #			0	
Cal. Chloride C	Price Per #	17.2		0	
Cal Seal	Price Per #			0	
Cel Flake	Price Per #			0	
Delay Set	Price Per #			0	
Plastisizer	Price Per #			0	
Pozzolan	Price Per #		700	0	
Slik Pak	Price Per #			0	
Sand	Price Per #		500	0	
Sodium Silicate	Price Per Gallon			0	
Cement	Price Per 94# sack	16.15	30	484.5	
				======	======
				484.5	0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)				
Tubing ($/foot)				
			====	====
			0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST	RACS
Frac Tank	per day	152	1	152	
Water Disposal	per/bbl	0.97	160	155.2	
Travel-4 man crew & Vehicle		245	1	245	
Tool Pusher / Operation Supervisor		65	14	910	
Stand-by, including crew & equipment		385		0	
Per Diem		45		0	
Vac Truck	RNI Trucking	70	10	700	
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0	
				0	
				0	
				0	
				======	======
				2162	0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Operator C1	Jerry	35	0	0	14
Operator C1	Edward	35		0	14
Operator C1	Travis	35	0	0	14
Operator C2	Adam	35	0	0	14
Operator C2	Boyd	35	0	0	14
Operator C2	Brian	35	0	0	14
Operator C2	Chance	35		0	
Operator C2	Cliff	35		0	
Operator C2	Greg	35		0	
Operator C2		35		0	
			=====	=====	====
			0	0	84

CLIENT	UT DOGM	TOTAL INVOICE COST	7,589	7,589
LOCATION	VNW Sec. 34 T9S R25I			
DATE: (mm/dd/yy)	6/19/2004			
SHIFT: (Day/Night)	Day			
JOB No.	36421			

REMARKS: Travel to well site, circulate 422 gal. of fresh water, trip out, tag bottom of hole with wire line (still hit bridges), trip in well with tubing, circulate, trip, circulate, trip & washing in with 2 3/8" tubing to 1120' hit a hard bridge. Cemented 115 sacks of typeV cement 16.1 lbs/gal., pulled back 20 rods, reverse circulate to clean tubing & shut in well with 80 PSI, travel. (invoice shows 85 sack re-imbursment for previous cement attempt)

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350	0.5	175		
Rigging up	500		0		
Pumping Cement	500	2	1000		
Mob / Demob/ Load	60	0	0		
Coil Tubing Unit					
Stand-by	158	4	632		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265	3	795		
Mob / Demob W/CPT	265	2.5	662.5		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85		0		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55		0		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55		0		
			======		=======
TOTAL OPERATING TIME			3264.5		0

B. NON OPERATING

	Client			RACS
Repairs(Describe in Remarks)				
Service / Maint.				
Delays - access				
- water				
- cement set				
- client				
	======			=======
TOTAL NON-OP TIME	0			0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2	130		912		
Johnson/Watson #2	130			462	450
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED (specify quantities & types)

		CLIENT RATE	Quantity	COST	RACS
Bentonite	Price Per #			0	
Cal. Chloride C	Price Per #	17.2		0	
Cal Seal	Price Per #			0	
Cel Flake	Price Per #			0	
Delay Set	Price Per #			0	
Plastisizer	Price Per #			0	
Pozzolan	Price Per #			0	
Slik Pak	Price Per #			0	
Sand	Price Per #			0	
Sodium Silicate	Price Per Gallon			0	
Cement	Price Per 94# sack	16.15	260	4199	
				======	=====
				4199	0

E. MATERIALS LEFT IN HOLE

		CLIENT RATE	Quantity	COST	RACS
Packer (type/size)					
Tubing ($/foot)					
				====	====
				0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST	RACS
Frac Tank	per day	152	1	152	
Water Disposal	per/bbl	0.97	80	77.6	
Travel-4 man crew & Vehicle		245	1	245	
Tool Pusher / Operation Supervisor		65	9	585	
Stand-by, including crew & equipment		385	0	0	
Per Diem		45	2	90	
Vac Truck	RNI Trucking	70	5	350	
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0	
				0	
				0	
				0	
				======	=====
				1500	0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST	RACS
Operator C1	Jerry	35		0	
Operator C1	Edward	35		0	9.5
Operator C1	Travis	35	0	0	9.5
Operator C2	Adam	35	0	0	9.5
Operator C2	Boyd	35	0	0	9.5
Operator C2	Brian	35		0	
Operator C2	Chance	35	0	0	9.5
Operator C2	Cliff	35		0	
Operator C2	Greg	35	0	0	9.5
Operator C2		35		0	
			=====	=====	====
			0	0	57

CLIENT	UT DOGM	TOTAL INVOICE COST 8,963	8963
LOCATION	NW Sec. 34 T9S R25I		
DATE: (mm/dd/yy)	6/22/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel, 20 PSI well head pressure, bled pressure down, shut in well for 10 minutes, no PSI increase noted. Trip back in & tag cement plug @ 912'. Circulate well w/1,000 gal of fresh water, mix & pump 130 sacks of TypeV cement @ 15.5 lbs/gal., trip out 10 joints, trip back in 2 joints, mix & pump another 130 sacks of TypeV cement @15 lbs./galTrip back in well, wash & flush, pulled back tubing to 347', shut well in for the night, travel.

RACS

A. OPERATING

Equipment Functions	Client Hourly Rate	Number of Hours	Cost	Project Name	RACS
Cement Pump Truck					
Well Circulation	350	0.5	175		
Rigging up	500		0		
Pumping Cement	500	2	1000		
Mob / Demob/ Load	60	0	0		
Coil Tubing Unit					
Stand-by	158	6	948		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265	1	265		
Mob / Demob W/CPT	265	5.5	1457.5		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85		0		
moving casing	85		0		
Misc.	85	2	170		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	1	55		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	1.5	82.5		
			======		=======
TOTAL OPERATING TIME			4153		0

B. NON OPERATING

	Client	RACS
Repairs(Describe in Remarks)		
Service / Maint.		
Delays - access		
- water		
- cement set		
- client		
	======	=======
TOTAL NON-OP TIME	0	0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2	130 Sacks		462		
Johnson/Watson #2	130 Sacks			20	442
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED (specify quantities & types)

		CLIENT RATE	Quantity	COST		RACS
Bentonite	Price Per #			0		
Cal. Chloride C	Price Per #	17.2		0		
Cal Seal	Price Per #			0		
Cel Flake	Price Per #			0		
Delay Set	Price Per #			0		
Plastisizer	Price Per #			0		
Pozzolan	Price Per #			0		
Slik Pak	Price Per #			0		
Sand	Price Per #			0		
Sodium Silicate	Price Per Gallon			0		
Cement	Price Per 94# sack	16.15	260	4199		
				======		=====
				4199		0

E. MATERIALS LEFT IN HOLE

	CLIENT RATE	Quantity	COST	RACS
Packer (type/size)				
Tubing ($/foot)				
			====	====
			0	0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST		RACS
Frac Tank	per day	152	1	152		
Water Disposal	per/bbl	0.97	130	126.1		
Travel-4 man crew & Vehicle		245	1	245		
Tool Pusher / Operation Supervisor		65	12.5	812.5		
Stand-by, including crew & equipment		385		0		
Per Diem		45	2	90		
72" X 6' of culvert from Aztec Pipe & Supply		514.39	1	514.4	Invoice	420
Vac Truck	RNI Trucking	70	10	700		
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09	0	0		
18' flat deck trailer rental	$/day	1035	1	1035	Invoice	
				0		
				======		=====
				3675		0

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST		RACS
Operator C1	Jerry	35		0		
Operator C1	Edward	35		0		12.5
Operator C1	Travis	35	0	0		12.5
Operator C2	Adam	35	0	0		12.5
Operator C2	Boyd	35	0	0		12.5
Operator C2	Brian	35		0		
Operator C2	Chance	35	0	0		12.5
Operator C2	Cliff	35	0	0		12.5
Operator C2	Greg	35		0		
Operator C2		35		0		
			=====	=====		====
			0	0		75

CLIENT	UT DOGM	TOTAL INVOICE COST	~~12,027~~ 12027
LOCATION	NW Sec. 34 T9S R25I		11,996.25
DATE: (mm/dd/yy)	6/23/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: Travel, tripped back in & tagged well @ 462', loaded cementer, mix 130 sacks of TypeV cement @ 15.3 lbs/gal. pump & wash, trip out, Edward drove to Aztec pipe w/trailer to pick up 6' X 6' cellar pipe, rig down platform / BOP's etc., tripped back in 5 stands to 157.95', loaded cementer & pumped 130 sacks of Type V cement @ 15.1 lbs./gal., tripped out, used torches & back hoe to dissasemble catch tub & original cellar pipe, loaded & hauled 14 super sacks to upper laydown. Travel

$483.00 Allow Dead

DKD

RACS

A. OPERATING

Equipment Functions	Client				RACS
	Hourly Rate	Number of Hours	Cost	Project Name	
Cement Pump Truck					
Well Circulation	350		0		
Rigging up	500		0		
Pumping Cement	500		0		
Mob / Demob/ Load	60		0		
Coil Tubing Unit					
Stand-by	158	3	474		
Tagging the hole	265		0		
Setting Packer	265		0		
Running Coil Tubing	265	12	3180		
Mob / Demob W/CPT			0		
Water Truck					
Stand-by	32		0		
Hauling Water	65		0		
Water Roads	65		0		
Hauling Casing	65		0		
Mob / Demob	65		0		
Minimum	65		0		
Back Hoe					
Stand-by	55		0		
Digging Sump	85		0		
Road Repair	85		0		
Reclamation	85	1	85		
moving casing	85		0		
Misc.	85	4	340		
Mob / Demob w/H2O Trk	75		0		
Minimum	55		0		
Service Truck	55	4	220		
Service Truck	55		0		
Trailer	27		0		
Trash Pump	10		0		
Welding/ torches	55	11	605		
			======		=======
TOTAL OPERATING TIME			4904		0

B. NON OPERATING

			Client		RACS
Repairs(Describe in Remarks)					
Service / Maint.					
Delays - access					
- water					
- cement set					
- client					
			======		=======
TOTAL NON-OP TIME			0		0

C. HOLE SPECIFICATIONS

HOLE #	Cement Volume	Size of Hole	FROM	TO	Footage
Johnson/Watson #2	15		20	surface	20
Johnson/Watson #2					
Johnson/Watson #2					
Johnson/Watson #2					

D. MATERIALS CONSUMED

(specify quantities & types)		CLIENT				RACS
		RATE	Quantity	COST		
Bentonite	Price Per #			0		
Cal. Chloride C	Price Per #	17.2		0		
Cal Seal	Price Per #			0		
Cel Flake	Price Per #			0		
Delay Set	Price Per #			0		
Plastisizer	Price Per #			0		
Pozzolan	Price Per #			0		
Slik Pak	Price Per #			0		
Sand	Price Per #			0		
Sodium Silicate	Price Per Gallon			0		
Cement	Price Per 94# sack	16.15	15	242.3		
				======		=====
				242.3		0

E. MATERIALS LEFT IN HOLE

		CLIENT				RACS
		RATE	Quantity	COST		
Packer (type/size)						
Tubing ($/foot)						
				====		====
				0		0

F. OTHER CHARGEABLE

MATERIALS		CLIENT RATE	Quantity	COST		RACS
Frac Tank	per day	152	1	152		
Water Disposal	per/bbl	0.97	30	29.1		
Travel-4 man crew & Vehicle		245	1	245		
Tool Pusher / Operation Supervisor		65	15	975		
Stand-by, including crew & equipment		385		0		
Per Diem		45	2	90		
Boom truck rental	A-1 Rental	4489	1	4489	Invoice	3674
Vac Truck	RNI Trucking	70	5	350		
mud tank cleaning	RNI Industries	287	1	287	Invoice	
P&A Marker	3/8" plate	125	1	125		
Pipe Rental	2 3/8" EUE $/Ft./Da	0.09		0		
				======		=====
				6742		0

4225 + 446 DKD

G. LABOR SUMMARY

		CLIENT RATE	Quantity	COST		RACS
Operator C1	Jerry	35		0		
Operator C1	Edward	35		0		15
Operator C1	Travis	35		0		15
Operator C2	Adam	35	0	0		15
Operator C2	Boyd	35	0	0		15
Operator C2	Brian	35		0		
Operator C2	Chance	35	0	0		15
Operator C2	Cliff	35	0	0		15
Operator C2	Greg	35		0		
Operator C2		35		0		
			=====	=====		====
			0	0		90

CLIENT	UT DOGM	TOTAL INVOICE COST ~~11,888~~	~~11,888~~
LOCATION	NW Sec. 34 T9S R25I	11,624	DKD
DATE: (mm/dd/yy)	6/24/2004		
SHIFT: (Day/Night)	Day		
JOB No.	36421		

REMARKS: installed 72" culvert, cut well head off approximately 12" below river water level, dropped cement to bring it to surface, welded on P&A marker w/well location & name to the 13 5/8" surface casing, reclaimed site & mobed out.