

**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Planned ..... ✓  
and Indexed ..... ✓

Checked by Chief .....  
Approved Letter .....  
Disapproval Letter .....

*PWB*  
*8-13-74*

**COMPLETION DATA:**

Date Well Completed .....  
W..... WW..... TA.....  
SW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

Miller's Log.....  
Sonic Logs (S.L.) .....  
..... T..... East X Log..... CR-N..... Micro.....  
Sonic CR..... Log..... SA-L..... Sonic.....  
SLog..... SLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 Kimbark Operating Co., Reserve Oil & Gas Company

3. ADDRESS OF OPERATOR  
 1776 Lincoln, Suite 1100 Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
~~695'~~ 695' Fr N line, 2620' Fr W line of South half  
 At proposed prod. zone MESW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Carbon, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      710'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL      640

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      2600'

19. PROPOSED DEPTH      4700'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 August 12, 1974

5. LEASE DESIGNATION AND SERIAL NO.  
 U 0681

6. INDIAN ALLOTTEE OR TRIBE NAME

7. AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL OR RESERVOIR

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA

12. COUNTY OR PARISH STATE

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24	205	CIRC
7 7/8	4 1/2	10.5	T.D.	400 Sacks

- Topography requires the staking of this well at this footage and operator requests approval for this reason.
- Operator will maintain and test proper blow out equipment.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION  
 DATE 8-13-74  
 BY Clem B. Feagles

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE \_\_\_\_\_

(This space for Federal or State office use)

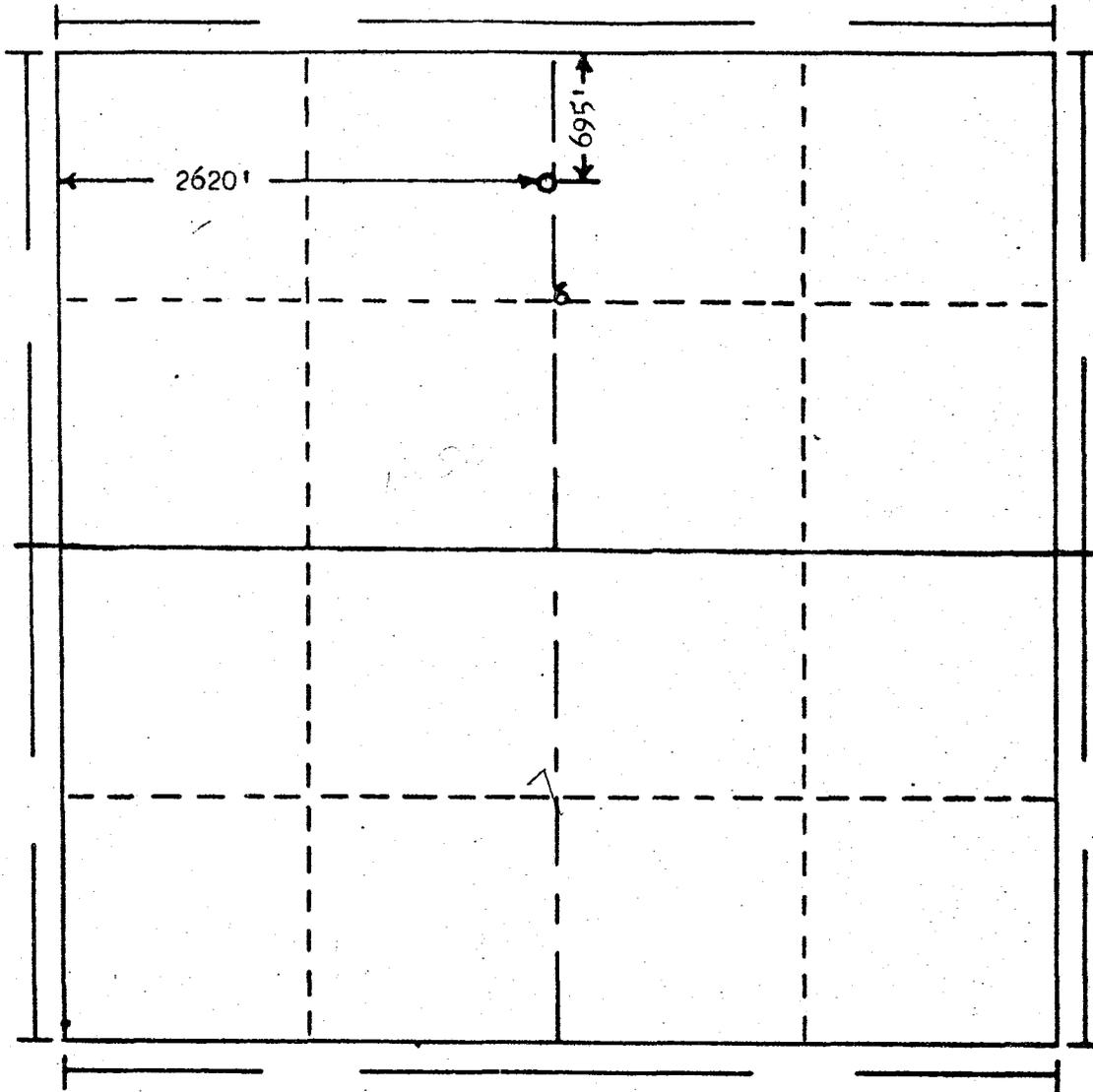
PERMIT NO. 43-007-30075 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



R. 17 E.



Scale... 1" = 1000'

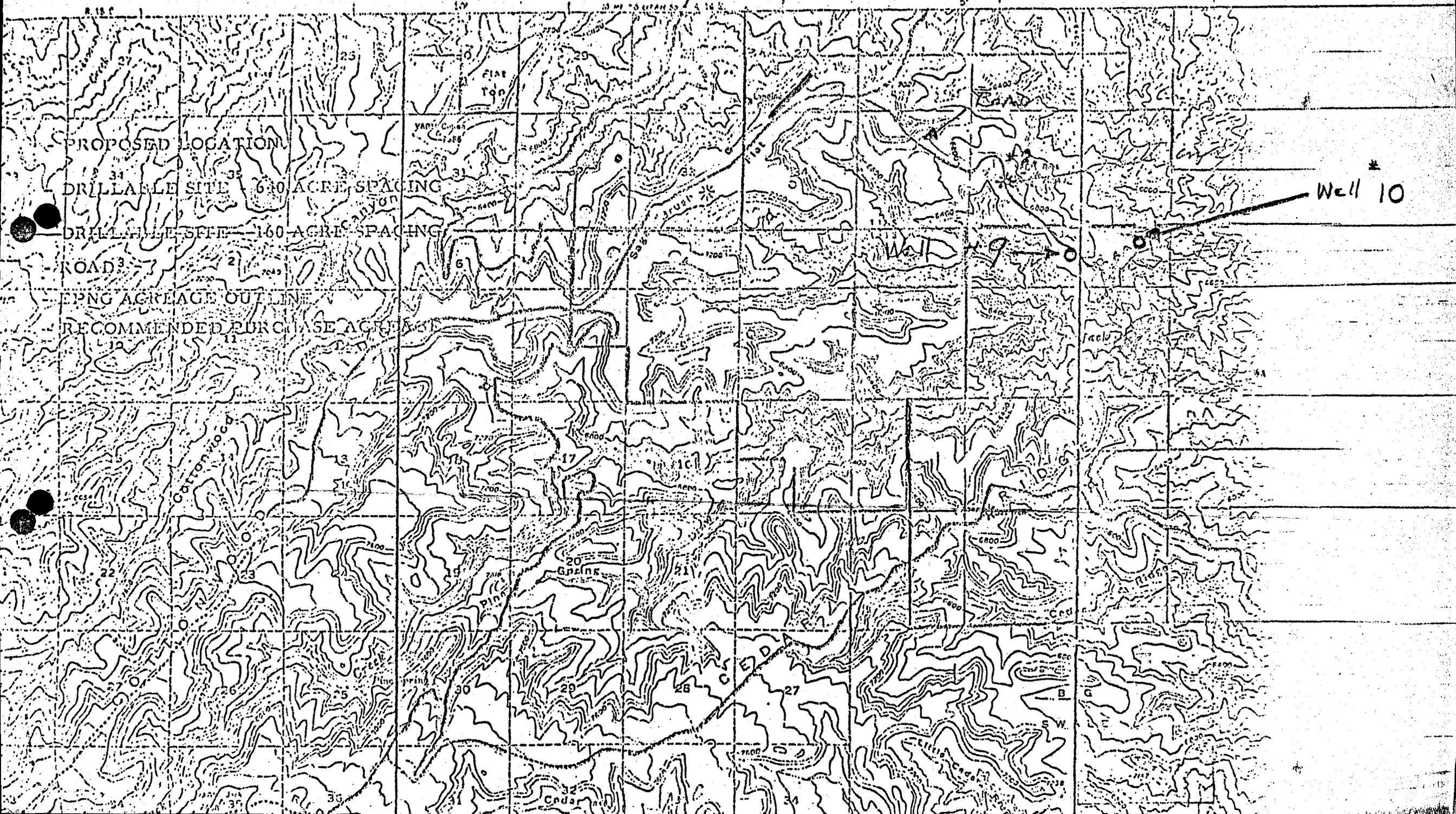
**Powers Elevation Company, Inc. of Denver, Colorado**  
 has in accordance with a request from Mr. Arbuckle  
 for **Kimbark Operating**  
 determined the location of **#10 Peters Point**  
 to be **695' FN & 2620' FW** **Section 6 Township 13 S.**  
**Range 17 E. of the Salt Lake Meridian**  
**Carbon County, Utah**

I hereby certify that this plat is an  
 accurate representation of a correct  
 survey showing the location of

#10 Peters Point

Date: 8-3-74

*[Signature]*  
 Licensed Land Surveyor No. 2658PE  
 State of Utah



A summary of pertinent information concerning rig is as follows:

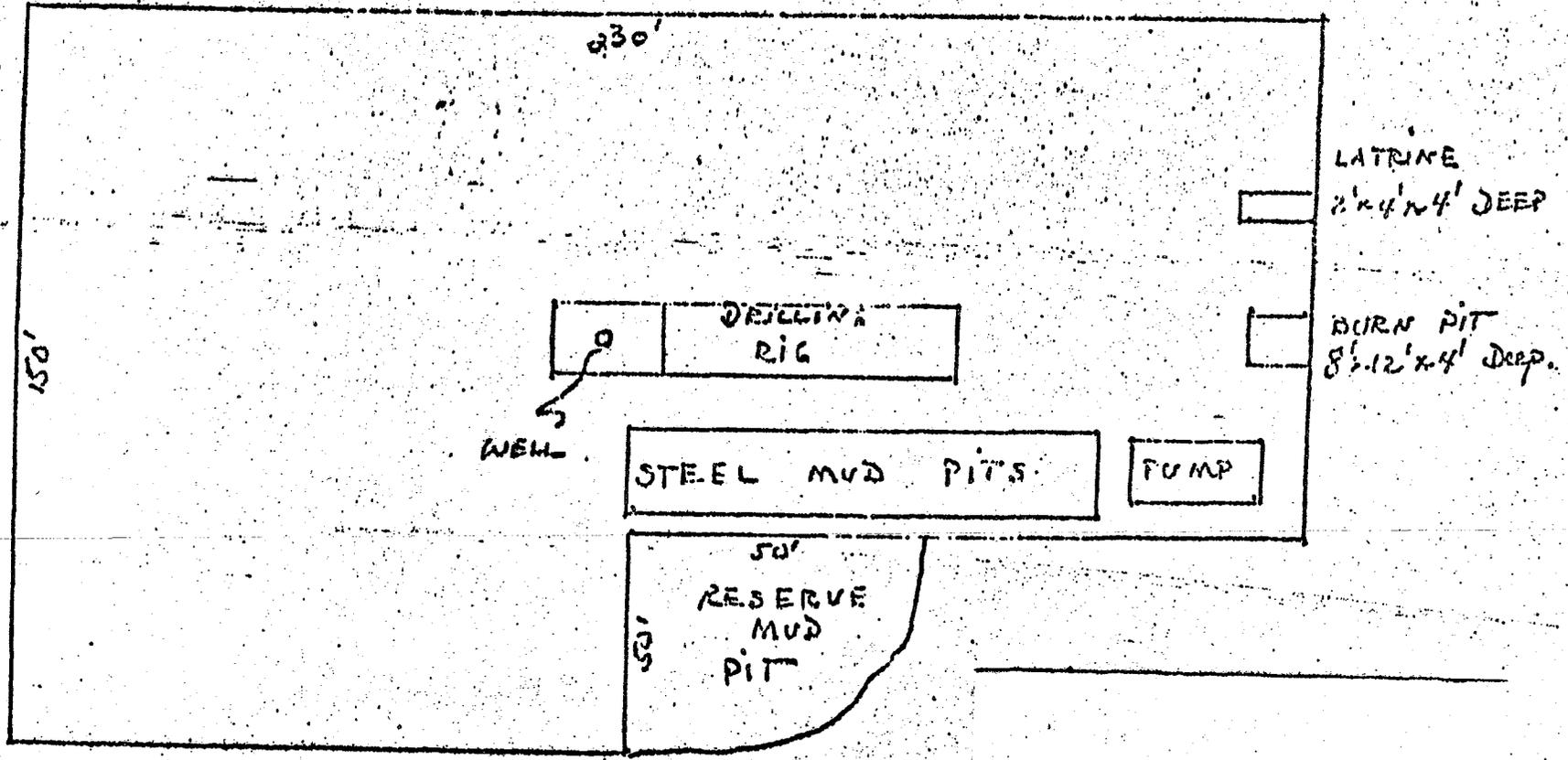
1. Surface casing - 220' - 8 5/8" - 24#. New J-55 casing. ✓
2. Casing heads, spools and flanges all rated to 5000 psi. Series 900.
3. No intermediate casing is contemplated.
4. Preventors - Schaffer double ram hydraulic - 4" rams and blank rams. Proper fill 1 kill and choke lines will be installed. ✓
5. Auxilliary equipment, Kelly cock, bit float, drill pipe sub with valve. ✓
6. Maximum expected BHP - 1750#. ✓
7. Drilling fluid - Mud. Gel 9.2 - 9.5#/gal. ✓

RECEIVED  
BR. OF OIL & GAS OPERATIONS  
MAR 29 1974  
U. S. GEOLOGICAL SURVEY  
SALT LAKE CITY, UTAH

LOCATION AND EQUIPMENT LAY-OUT

Peters Point UNIT

# 10



PMB

KIMBARK OPERATING CO.  
1100 DENVER CENTER BLDG.  
1776 LINCOLN STREET  
DENVER, COLORADO 80203  
534-7161  
AREA CODE 303

August 6, 1974

United States Department of Interior  
Bureau of Land Management  
P. O. Box 11505  
Salt Lake City, Utah 84111

Gentlemen:

The Twelve Point Program for Kimbark Operating Co. Peters Point #10 well is as follows:

1. Road from Highway #53 and Nutter Canyon up 9 Mile Road and Cottonwood Canyon and Sage Brush Flat by Landing Field to Location of #10 on enclosed map.
2. None - Roads in existence.
3. This is a development location.
4. See attached Surveyor's Vicinity Map.
5. No tanks or tank battery is contemplated. This should be a Wasatch gas well.
6. Cottonwood Creek approximately 5 miles west and 4 miles north.
7. Earth pits and clean up and cover up after drilling.
8. NONE
9. See map - 3 miles NW of location.
10. See attached map.
11. Level and plant to grass when moisture level is appropriate *in fall*
12. General topography is very rough but location has been picked for a minimum amount of dirt work and tree removal. Herman Fellhoelter Jr., Plainville, Kansas phone (913) GE4-4501 will handle restoration.

Very truly yours,

KIMBARK OPERATING CO.



W.K. Arbuckle,  
President

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PWB

GEOLOGICAL WELL REPORT

KIMBARK OPERATING COMPANY, KRM PETROLEUM,  
RESERVE OIL AND GAS, G. E. KADANE

PETERS POINT UNIT #10

695 FEET FROM NORTH LINE, 2620 FEET FROM WEST LINE  
SECTION 6, T13S-R17E

CARBON COUNTY, UTAH

SEP 27 1974

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LITHOLOGIC LOG . . . . .	In pocket
DRILLING RATE LOG . . . . .	In pocket

WELL DATA

LOCATION: 695 ft. from North Line and 2620 ft. from West Line,  
Section 6, T13S-R17E, Carbon County, Utah.

ELEVATION: 6733 GL; 6744 KB

TYPE WELL: Development

SPUD DATE: August 17, 1974

COMPLETION DATE: September 15, 1974

TOTAL DEPTH: 4840 Driller - 4846 Schlumberger

DEEPEST FORMATION  
PENETRATED: Wasatch

CASING PROGRAM: Ran 5 joints, 215 ft., 8 5/8" at 226 ft. with 225 sacks  
cement.

CORES: None

DRILL STEM TESTS: 2895.2 - 3004.8; 2880-2909; 3032-3042

HOLE SIZE: 12 1/4" hole to 844 ft.; 7 7/8" hole to TD

CONTRACTOR: Superior Drilling Company  
Rig #5 GA 250T EMSCO  
Ed Bowles, Pusher  
4" x hole drill pipe  
5 3/4" full hole drill collars

SAMPLE STORAGE: Four Corners Sample Library

LOGS: Induction-Electric; Compensated Neutron Formation Density;  
Compensated Formation Density with Gamma-Gamma; from surface  
casing to TD.

PLUGGING PROGRAM: See subsequent Report of Abandonment, filed with the USGS.

DRILLING PROGRESS SUMMARY

- August 17 Drilled rat hole
- 18 Drilled 12 $\frac{1}{4}$ " surface hole to 162 ft.
- 19 Drilled 12 $\frac{1}{4}$ " surface hole to 223 ft. Lost circulation at 192 ft. Pumped 75 sacks down hole. Tagged cement at 175 ft.
- 20 Waiting on cement. Tagged cement at 96 ft. 74 ft. fill up. Drilled out cement.
- 21 Drilled 12 $\frac{1}{4}$ " hole to 484 ft.
- 22 Drilled 12 $\frac{1}{4}$ " hole to 774 ft. Lost 50 bbls. mud. Stuck pipe, spotted 30 bbls. diesel oil.
- 23 Drilled 12 $\frac{1}{4}$ " hole to 844 ft. Ran 8 5/8", 36# surface casing (215 ft) to 226 ft. KB. Cemented with 225 sacks cement, 3% CCL. Plug down at 4:00 PM.
- 24 Waiting on cement; repairing and servicing equipment. Pressure tested rams. Drilled mouse hole.
- 25 Finished mouse hole. Tagged cement at 180 ft. Washed to bottom. Drilled out cement. Drilled to 966ft. with 7 7/8" bit.
- 26 Drilled to 1297 ft.
- 27 Drilled to 1686 ft.
- 28 Drilled to 2006 ft.
- 29 Drilled to 2319 ft.
- 30 Drilled to 2718 ft.
- 31 Drilled to 2754 ft. Attempted to trip bit #3. Stuck in hole after removing 4 stands. Spotted 25 bbls. diesel oil. Drilled to 2821 ft.
- September 1 Drilled to 3004. Conditioned hole. Tripped out for DST #1. Went to bottom with test tool.
- 2 Completed DST #1. Went back to bottom and drilled to 3116.

September 3 Short trip 8 stands at 3303. Drilled to 3352.  
4 Drilled to 3600. Short Trip 18 stands.  
5 Drilled to 3757. Repaired drive chain and mud pump.  
6 Drilled to 4006. Short trip. Conditioned mud for tight hole.  
7 Drilled to 4140. Short trip 7 stands tight hole. Trip out for new bit. Spotted bbls. diesel oil.  
8 Trip in. Reamed to bottom. Added 40 bbls. Jack Canyon crude oil to mud system. Drilled to 4337.  
9 Drilled to 4505. Short trip 5 stands for tight hole.  
10 Drilled to 4647. Trip out for new bit.  
11 Trip back in with new bit. Short trip 10 stands for hole in drill pipe. Drilled to 4720. Trip out for new bit.  
12 Trip in with new bit. Drilled to 4840. Conditioned hole. Trip out for electric logs.  
13 Ran electric logs. Trip in hole for DST #2.  
14 Completed DST #2 at 11:00 AM. Went back in hole to run DST #3.  
15 Completed DST #3. Preparing to plug and abandon.

ELECTRIC LOG TOPS

PETERS POINT #10

CITIES SERVICE UNIT #1

	<u>DEPTH</u>	<u>DATUM</u>	<u>DEPTH</u>	<u>DATUM</u>
DOUGLAS CREEK	1350	+5394	1280	+5435
LOWER GREEN RIVER SAND	2734	+4010	2674	+4041
WASATCH MARKER	2790	+3954	2717	+3998
Tw 2 SAND	2880	+3864	2806	+3909
Tw 3 SAND	2935	+3809	2862	+3853
Tw 4 SAND	3026	+3718	Absent	
CHAPITA ZONE	3394	+3350	3192	+3623
LOWER Tw SAND	4680	+2064	4620	+2095

ELECTRIC LOG CALCULATIONS

<u>INTERVAL</u>	<u>Rw</u>	<u>Rt</u>	<u>D. POROSITY</u>	<u>Sw</u>
2522-25	.25	35	15	51%
2530-38	.25	27	16	54%
2890-94	.25	25	16	56%
2900-02	.25	23	18	52%
2935-40	.25	24	16	57%
2945-49	.25	9	22	68%
2961-70	.25	6	18	100%
3028-32	.25	18	12	59%
3034-42	.25	23	17	55%
3048-52	.25	18	14	75%
3054-56	.25	19	18	57%
3396-3400	.25	27	13	67%
3400-10	.25	22	13	74%
3900-04	.25	10	15	95%
4085-90	.25	9	15	99%

DRILL STEM TESTS

DST #1 2895.22-3004.77 Ft.

Open 15 min.; ISI 60 min.; open 4 hours; FSI 4 hours 25 min.

Tool opened with strong blow. Gas to surface in 5 min. On 2nd flow period, gas flowed at rate of 31 to 38 MCFPD through  $\frac{1}{4}$ " choke. Flowed drilling mud to surface in 30 min. Removed orifice and well headed up intermittently for remainder of test, flowing gas with fine spray of salty water.

Recovered; 925 ft. salt water, 480 ft. in drill pipe and 445 ft. in drill collars.

Sample Chamber: 700 cc salt water  
2 cu. ft. gas

IFP (15 min) 104 - 373#  
ISIP 655#  
FFP 366 - 458#  
FSIP 655#  
HP 1390#

Sample Chamber Pressure 450#

DST #2 2880-2909 - Straddle Packer

Open 15 min.; ISI 45"; open 5 hours; FSI 1 hour

Tool opened with weak blow. Gas to surface in 3 hours and 6 min. Stabilized at 945 cu. ft. per day rate.

Recovered; 221 ft. drilling mud.

Sample Chamber: 1 cubic ft. gas  
300 cc mud  
185# Pressure

IFP (15 min) 34 - 42#  
ISIP 458#  
2nd FP 47# - 76#  
FSIP 655#  
HP 1397#

DST #3 3032 - 3042 Straddle Packer

Open 15 min; SI 30 min; open 1 hour, SI 65 min.

Recovered; 880 ft. salt water

Sample Chamber recovery; 2500 cc water

IFP 9 - 171#  
ISIP 678#  
FFP 177 - 400#  
FSIP 678 - 678#  
HP 1440 - 1438#

BIT RECORD

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FEET</u>	<u>HOURS</u>
1	12 $\frac{1}{4}$	HTC	OSC3J	41	24	12 $\frac{1}{4}$
2	12 $\frac{1}{4}$	HTC	OSC1G	226	185	15 3/4
3	7 7/8	Sec	S-3	490	264	15 3/4
4	7 7/8	Sec	S-3	844	354	15 $\frac{1}{2}$
5	7 7/8	HTC	J22	2754	1910	113 3/4
6	7 7/8	HTC	J22	4140	1386	122
7	7 7/8	HTC	J33(RR)	4647	507	65 $\frac{1}{2}$
8	7 7/8	HTC	OSC3J	4720	73	13 $\frac{1}{4}$
9	7 7/8	HTC	OSC1G	4840	120	13 $\frac{1}{2}$

HOLE DEVIATION RECORD

<u>DEPTH</u>	<u>DEVIATION</u>
<u>226</u>	$\frac{1}{2}^{\circ}$
1537	2 $^{\circ}$
4840	1 $^{\circ}$

DETAILED SAMPLE DESCRIPTION

- 1200-1220 Interbedded maroon shale with white sand, fine, hard, glassy, very calcareous.
- 1220-1240 Sand, fine to medium, angular, white, heavy oil tar stain, streaming cut, strong fluorescence, good porosity.
- 1240-1260 Oolitic limestone, white, with dark gray polished nodules.
- 1260-1280 Missing
- 1280-1320 Sand, white, fine, hard, very calcareous
- 1320-1340 Lime, white, sandy, oolitic.
- 1340-1360 Mostly cavings
- 1360-1380 Lime, white, very sandy
- 1380-1400 Shale, gray, sandy, very calcareous.
- 1400-1420 Sand, fine to medium, angular, heavy tar residue, bright yellow fluorescence.
- 1420-1440 As above, with white lime.
- 1440-1460 Asphalt impregnated sand.
- 1460-1480 Sand, white, poorly sorted, hard.
- 1480-1540 Shale, maroon, with some purple and green shale.
- 1540-1560 Above shale with stringers of gray sandy lime.
- 1560-1600 Sand, gray, fine to medium, asphalt residue.
- 1600-1620 Missing
- 1620-1640 Sand, gray, fine to medium, angular, with asphalt residue.
- 1640-1680 Shale, maroon
- 1680-1720 Mostly cavings, red and gray shale
- 1720-1760 Sand, white, very fine, hard, very calcareous. Scattered asphalt residue.
- 1760-1800 Maroon shale interbedded with above sand.

- 1800-1820 Lime, white, very sandy, some oolitic limestone.
- 1820-1840 Sand, white, fine to medium, subangular, scattered pinpoint, asphalt residue.
- 1840-1860 Shale, maroon
- 1860-1900 Sand, gray, medium, subangular, saturated with asphaltic residue.
- 1900-1920 Above sand; no stain.
- 1920-1960 Dolomite, white, sandy, some oolites.
- 1960-1980 Limestone, brown.
- 1980-2000 Above lime with sand stringers, gray, medium grain, asphalt residue.
- 2000-2020 Dolomite, brown, sandy, hard.
- 2020-2060 Limestone, brown, oolitic with some scattered oil stain.
- 2060-2080 Sand, gray, very fine, hard, tight, light oil stain, weak fluorescence.
- 2080-2100 Above sand with oolitic lime.
- 2100-2120 Limestone, brown, hard
- 2120-2160 Above lime with stringers of gray sand, medium to coarse, with scattered oil residue
- 2160-2220 Limestone, brown, hard
- 2220-2240 Same as above
- 2240-2260 Missing
- 2260-2300 Shale, gray-green with some maroon shale
- 2300-2320 Above shale with some white sand, slightly calcareous, poor porosity.
- 2320-2340 Shale, maroon, very sandy.
- 2340-2360 Interbedded with white sand, fine, slightly calcareous, poor porosity.
- 2360-2400 Shale, maroon, interbedded with stringers of gray sand, fine, some porosity with scattered gilsonite.
- 2400-2460 Sand, gray, fine, fair porosity, scattered gilsonite.
- 2460-2480 With interbedded red shale.

- 2480-2500 Sand, light gray, medium, subangular, good porosity, black tar residue.
- 2500-2520 Shale, maroon, sandy.
- 2520-2560 Sand, brown friable, medium, subangular, scattered asphalt stain, light fluorescence.
- 2560-2580 Sand, light gray, fine to medium, subangular, fair to good porosity, faint yellow fluorescence. 20 unit gas increase.
- 2580-2600 Interbedded gray green shale with brown oolitic and ostracodal limestone.
- 2600-2620 Interbedded gray green shale, with sand, medium, subangular, fair porosity, brown oil stain, some scattered black tar residue.
- 2620-2640 Sand, light gray, friable, medium, subangular, scattered tar residue.
- 2640-2680 Limestone, gray and brown, oolitic interbedded with gray and red shale.
- 2680-2720 Shale, maroon, sandy.
- 2720-2740 Maroon shale with sand, gray, fine, angular, very hard, calcareous cement.
- 2740-2760 Stuck drill pipe at 2754. Spotted 25 bbls diesel oil. Poor samples.
- TOP LOWER GREEN RIVER SAND ZONE 2760
- 2760-2770 Very poor samples. Mostly cavings from freeing drill pipe. Heavy background effect from diesel in mud system. Brown, dolomitic sand. No shows. Mud logger registered 30 unit methane increase.
- 2770-2790 Sand, dark gray, fine, very hard and tight, dolomitic; no shows.
- TOP WASATCH MARKER 2790
- 2790-2820 Shale, maroon
- 2820-2880 Shale, maroon, very sandy.
- TOP Tw 2 SAND 2880
- 2880-2910 Sand, gray, medium, subangular, calcareous cement, friable, fair porosity, light brown stain, slight cut, even yellow fluorescence. 10 unit methane gas increase.
- 2910-2920 Above sand with less stain and fluorescence.

2920-2930 Shale, maroon.

TOP Tw 3 SAND 2930

2930-2940 Sand, gray, salt and pepper, medium, subangular, slightly calcareous, some orange grains, chips of augite, scattered trace of gilsonite, good porosity, even light yellow fluorescence, slight cut. 20 unit increase of all 5 gases starting at 2936.

2940-2950 Above sand with better porosity, some dark brown oil stain, live oil cut, solid yellow fluorescence.

2956 Circulated 30 minutes. Same as above.

2960-2980 Same as above with less oil stain, weak cut, solid yellow fluorescence.

2980-2990 Same sand. Pale blue fluorescence. No oil shows.

2990-3000 Sand, gray with some pale green grains, medium, subangular, low porosity, slight oil stain, live cut, solid yellow fluorescence.

3000-3010 Poor sample, mostly cavings.

3010-3030 Shale, maroon, high gas background.

TOP Tw 4 SAND 3030

3030-3070 Sand, gray, medium, slightly calcareous, black tar and gilsonite, weak brown stain, live cut, pale blue fluorescence. Fluorescence decreasing below 3040. Increase in Methane 3030-3060.

3070-3080 Shale, pale red and gray, very sandy

3080-3110 Above shale with stringers of sand, buff, some feldspar, medium, friable, no shows.

3110-3120 Sand, buff to light pink, medium, angular to subangular, some feldspar, calcareous cement, no shows.

3120-3130 Maroon shale

3130-3150 Sand, pale pink, medium, angular to subangular, considerable feldspar, calcareous cement, fair porosity, no stain, weak cut, pale blue fluorescence.

3150-3220 Shale, maroon, sandy

3220-3280 Above shale, with sand stringers, pale pink to buff, angular, much feldspar, argillaceous, no shows.

3280-3400 Shale, maroon, sandy. 20 unit methane increase at 3397.

TOP CHAPITA ZONE 3400

- 3400-3420 Sand, buff to pale pink, medium grain, subangular, calcareous with some feldspar; low porosity, no stain, faint cut, pale yellow fluorescence.
- 3420-3540 Above sand with some gray salt and pepper quartz sand, fine to medium, calcareous cement, fair porosity, no shows of oil or gas.
- 3540-3580 Sand buff to light pink, considerable feldspar, medium, subangular, calcareous cement, low porosity, no shows of oil or gas.
- 3580-3620 Limestone, dark maroon, interbedded with maroon shale.
- 3620-3750 Shale, maroon with some gray-green shale.
- 3750-3780 Sand, gray, fine, argillaceous interbedded with maroon shale.
- 3780-3810 Sand, light gray, salt and pepper, some green grains, medium, subangular, hard, with calcareous cement.
- 3810-3850 Maroon shale with stringers dirty gray, very argillaceous limestone.
- 3850-3880 Maroon shale with stringers of sand, buff to pale pink.
- 3880-3900 Sand, pale pink to buff, medium, subangular, some black, angular grains, calcareous cement.
- 3900-3940 Above sand, unconsolidated
- 3940-3980 Maroon shale
- 3980-4000 Maroon shale, interbedded with sand, dirty gray to buff, subangular, very argillaceous, calcareous cement, poor porosity.
- 4000-4040 Shale, maroon with some gray green
- 4040-4060 Above shale with stringers dirty gray, argillaceous
- 4060-4100 Increasing amount of sand, buff to pale pink with some black grains, medium, subangular, sorted, friable, some orange and green grains, good porosity.
- 4100-4200 Maroon shale
- 4200-4500 Maroon shale with occasional stringers of argillaceous sand and limestone.
- 4500-4520 Maroon shale with some sand, buff, medium, friable
- 4520-4540 Sand, buff, medium, subangular, friable with maroon shale stringers.
- 4540-4580 Shale, maroon and gray green with stringers of above sand.

- 4580-4620 Maroon and gray green shale
- 4620-4640 Above shale with some limestone, gray, sandy, very hard.
- 4640-4690 Shale, maroon with some gray shale

LOWER TW SAND 4690

- 4690-4700 Above shale with stringers of sand, gray with black angular grains, medium to coarse, angular to subangular, some pyrite, poor porosity, occasional trace brown oil stain, strong yellow fluorescence, streaming cut.
- 4700-4710 No sample. Hole in drill pipe
- 4713 Above sand, slightly calcareous, hard, tight, low porosity, faint stain, weak cut, strong fluorescence.
- 4720-4780 Shale, maroon and gray green
- 4780-4800 Above shale with stringers of sand, gray, fine to medium, trace of porosity, no shows. 90 unit methane 4783-4786.
- 4800-4810 Shale, maroon and gray green
- 4810-4820 Above shale with thin stringers dirty gray sand, fine, argillaceous.
- 4820-4840 Maroon shale.

REMARKS AND CONCLUSIONS

The Peters Point Unit #10 was a thorough test of all known potential producing horizons in the prospect area. The Lower Green River Sand zone was poorly developed. The Tw 2 Sand was broken into several thin sand lentels. The Tw 3 Sand was well developed with gas and water. There was no reservoir sand development in the Lower Wasatch Zone.

Throughout the Douglas Creek member of the Green River Formation were numerous sand zones saturated with dead oil, tar and asphalt residue. Of particular interest were several thick porous zones between 1400 and 1800 feet. While drilling through this interval and while making connections, free oil came to the surface of the mud pits. ✓

Respectfully submitted,



Fred H. Carr  
Certified Professional Geologist #1430