

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Stevens Operating Corporation ✓

RECEIVED

3. ADDRESS OF OPERATOR

P. O. Box 2408, Roswell, New Mexico 88202

APR 30 1991

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

1980 FSL, 1980 FWL

ARTESIA OFFICE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

973.53

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

19. PROPOSED DEPTH

6800'

20. ROTARY OR CABLE TOOLS

Cable Tool, Rotary

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

4086' GR

22. APPROX. DATE WORK WILL START*

April 29, 1991

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#	300'	Circulate to surface
7 7/8"	5 1/2"	17#	6800'	Top of cmt @ 5210' ± 200' above top of Wolfcamp

Stevens Operating Corporation proposes to drill to a depth of 2200' ± with a Cable Tool Rig. The P1, P3 Slaughter Zone of San Andres will be tested and if commercial production is indicated, the well may be completed, or drilled with Rotary to a depth of 6800'. All potential zones will be evaluated.

Post ID-9
5-18-91
New Mexico API

BUREAU OF LAND MGMT
ROSSELL RESOURCE
AREA

RECEIVED

APR 4 11 31 AM '91

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new 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

Bel Ferrer

TITLE

Production Supt.

DATE

04/04/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Homer Meyer, Acting

TITLE

Area Manager

DATE

APR 29 1991

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE

RIGHTS IN THE SUBJECT LEASE WHICH WOULD BE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED SURFACE MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

Title 18 U.S.C. § 2381 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Journal of Management Studies, 19(1), 67-80.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 26

1-11-54
1-12-54
1-13-54

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504 2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Stevens Operating Corporation			Lease Rutherford Federal		Well No. 1
Unit Letter K	Section 30	Township 7 South	Range 27 East	County Chaves	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground level Elev. 4086	Producing Formation Montoya		Pool Wildcat	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

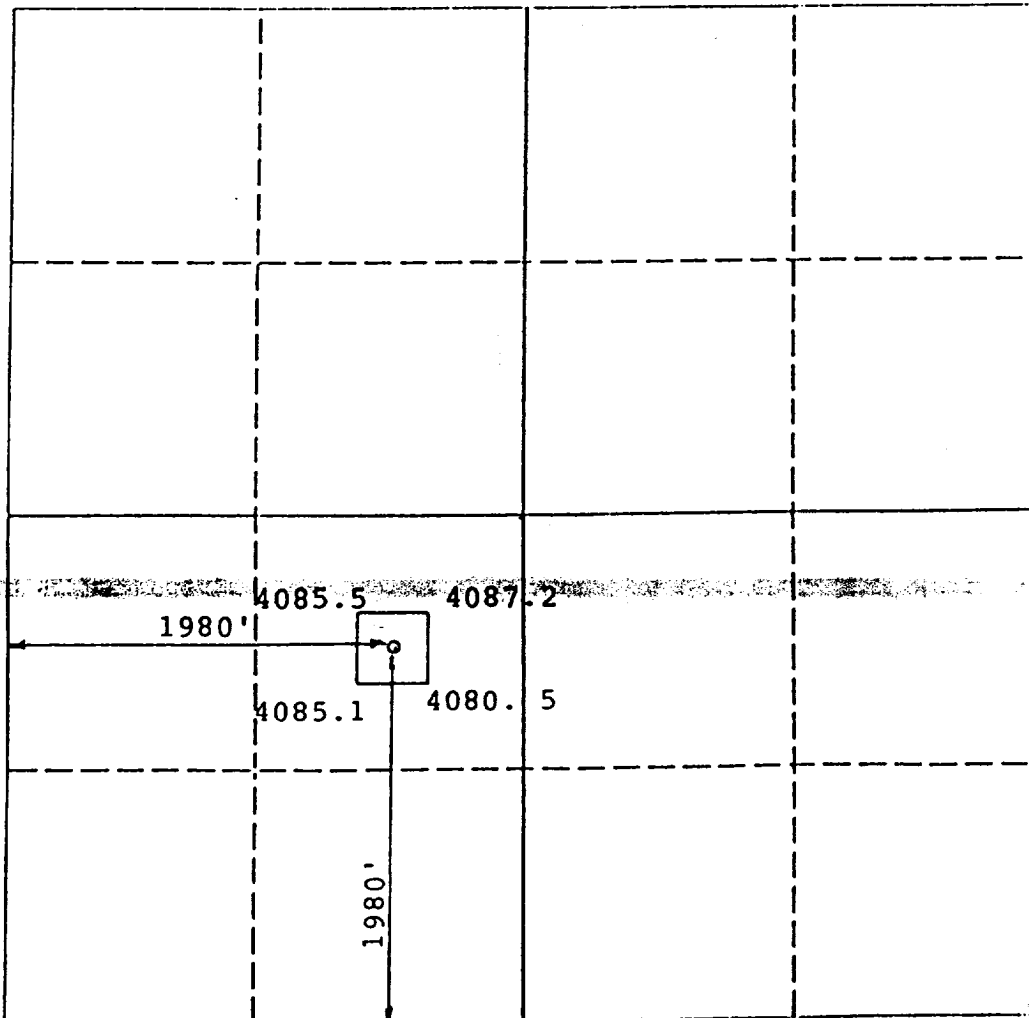
☐ Yes

☐ No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Robert C. Farmer
Signature

Robert C. Farmer

Printed Name

Production Superintendent

Position

Stevens Operating Corp.

Company

04/04/91

Date

SURVEYOR CERTIFICATION

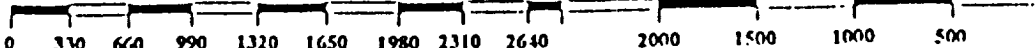
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

March 29, 1991

Patton
Signature & Seal of Professional Surveyor

Patton
NEW MEXICO
8112
PROFESSIONAL LAND SURVEYOR



SURFACE USE PLAN
FOR
DRILLING, COMPLETING AND PRODUCTION
STEVENS OPERATING CORPORATION
Well #1 Rutherford Federal
1980' FSL, 1980 FWL, Sec. 30, T-7S, R-27E
Chaves County, New Mexico

LOCATED: 18.0 miles North-east of Roswell, NM

FEDERAL LEASE NUMBER: NM 30628

LEASE ISSUED: May 1, 1981

RECORD LESSEE: Donald G. Stevens

OPEATOR'S AUTHORITY: Designation of Operator from Lessee

BOND COVERGE: Donald G. Stevens Statewide Bond

ACRES IN LEASE: 973.53

SURFACE OWNERSHIP: U.S.A.

WELL SPACING: 320 acre spacing

EXHIBITS:

- A. Portion of Chaves County Road Map
- B. Portion of Haystack Mountain Topo Map
- C. Portion of U.S.G.S. Lease Map No. 80
- D. Sketch of Well Layout
- E. Surface Agreement

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION

Well #1 Rutherford Federal
1980' FSL, 1980' FWL, Sec. 30, T-7S, R-27E
Chaves County, New Mexico

1. SURFACE FORMATION: Alluvium

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS:

San Andres	1360'
Glorieta	2535'
Tubbs	3955'
Abo	4685'
Wolfcamp	5410'
Mississippi	6300'
Montoya	6490'

3. ANTICIPATED POROSITY ZONES:

Oil	9650' - 9800'
	6490 - 6700

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
8 5/8"	0' - 300'	24.0#	J-55	LTC	New
5 1/2"	0' - 6800'	17.0#	J-55	LTC	New

5. SURFACE CONTROL EQUIPMENT: A double Ram-type preventer. A sketch of BOP is attached.

6. CIRCULATING MEDIUM:

0' - 4450' Fresh water mud.
4450' - 6800' Salt water mud, conditioned as necessary for control of viscosity and water.

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING, AND CORING PROGRAMS: Coring and testing may be performed in zones of interest. Compensated Neutron-Formation Density w/Gamma Ray Log. 0-TD Dual Lateral Log Shoe to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED DATES: It is planned that drilling operations will commence about April 30, 1991. Duration of drilling and completion operations should be 120 days to a depth of 2200'.

Road Log to the Rutherford Federal #1

Starting Point is 17 miles Northeast of the Intersection of Hwy 70 & Hwy 280 on Hwy 70. This point is at mile post 359.

- 0.0 Turn left (North) on Ranch Road and proceed in Northerly direction for a total of 2.56 miles.
- 2.56 Turn left (West) and proceed for 1.1 miles to the access road to Rutherford Federal #1.
- 3.66 Turn right (East) on access road for .17 miles to location.
- 3.83 Rutherford Federal #1 drillsite.
- 1. Existing Road: Existing roads which lead to the proposed drillsite are shown on Exhibits "A" and "B". Existing road from road log 0 to 3.66 will be upgraded.
- 2. Proposed New Road: The access road will be constructed to conform with BLM standards.
- 3. Location of Existing Facilities: Existing wells in the vicinity of the proposed drillsite are shown on Exhibit "C".
- 4. Location of Proposed Facilities:
 - A. If the proposed well is productive, production and storage facilities will be located on the new well pad.
 - B. Gas and oil flowlines will be buried a minimum of 12" deep.
- 5. Location and Type of Water Supply:
 - A. Water for leasehold operations will be purchased from the nearest commercial source in Sec. 9, T-8S, R-27E.
- 6. Source of Construction Materials: Where possible, material-in-place will be used for construction of the road and well pad. If additional material is required, it will be obtained from the nearest commercial source, a state pit located in Sec. 7, T-7S, R-27E.
- 7. Method of Handling Waste Disposal:
 - A. Drill cuttings will be disposed of in the drilling pits.
 - B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
 - C. Water produced during test will be disposed of in the drilling pits until the pits are dry.

- D. Plastic Lining of the pits will be removed before reclaiming the pit area.
- 8. Ancillary Facilities: None anticipated.
- 9. Wellsite Layout:
 - A. The wellsite diagram is for the Rotary Rig. The Cable Tool Drilling Pit will be within the confine of the area marked for pits.
 - B. The dimensions and relative location of the drill pad, mud pit and trash pit with respect to the well bore are shown on Exhibit "D".
 - C. The existing well pad is level. Four inches of top soil will be removed from the surface and stockpiled on the southwest corner of location. Four inches of cliche will be used for surfacing of location.
- 10. Plans for Restoration of the Surface:
 - A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in as aesthetically pleasing condition as possible.
- 11. Other Information:
 - A. Topography: The wellsite evaluation is 4086' GR.
 - B. Soil: Top soil is sandy and gyppe loam.
 - C. Flora & Fauna: The vicinity surrounding the drillsite is semiarid desert ranchland. Flora consists primarily of mesquite and range grasses interspersed with other desert plants. Fauna for this type of habitat includes rabbits, lizards, snakes, rodents, skunks, coyotes, dove, and quail.
 - D. Ponds and Streams: The closed source of permanent water would be the Pecos River, approximately 4 miles to the West.
 - E. Residences and Other Structures: Nearest occupied dwelling is 4.0 miles to the East.
 - F. Archaeological, Historical and Other Cultural Sites: The site has been inspected by a team from Eastern New Mexico State University. They have recommended that drilling operation be authorized.

G. Land Use: Grazing and occasional hunting.

H. Surface Owner: U. S. A.

12. Operator's Representative: Representative responsible for assuring compliance with the approved Surface Use Plan:

Bob Farmer
Production Superintendent
1250 United New Mexico Plaza
Roswell, New Mexico 88201
Office Phone: (505) 622-7273
Home Phone: (505) 625-9376

13. Certification:

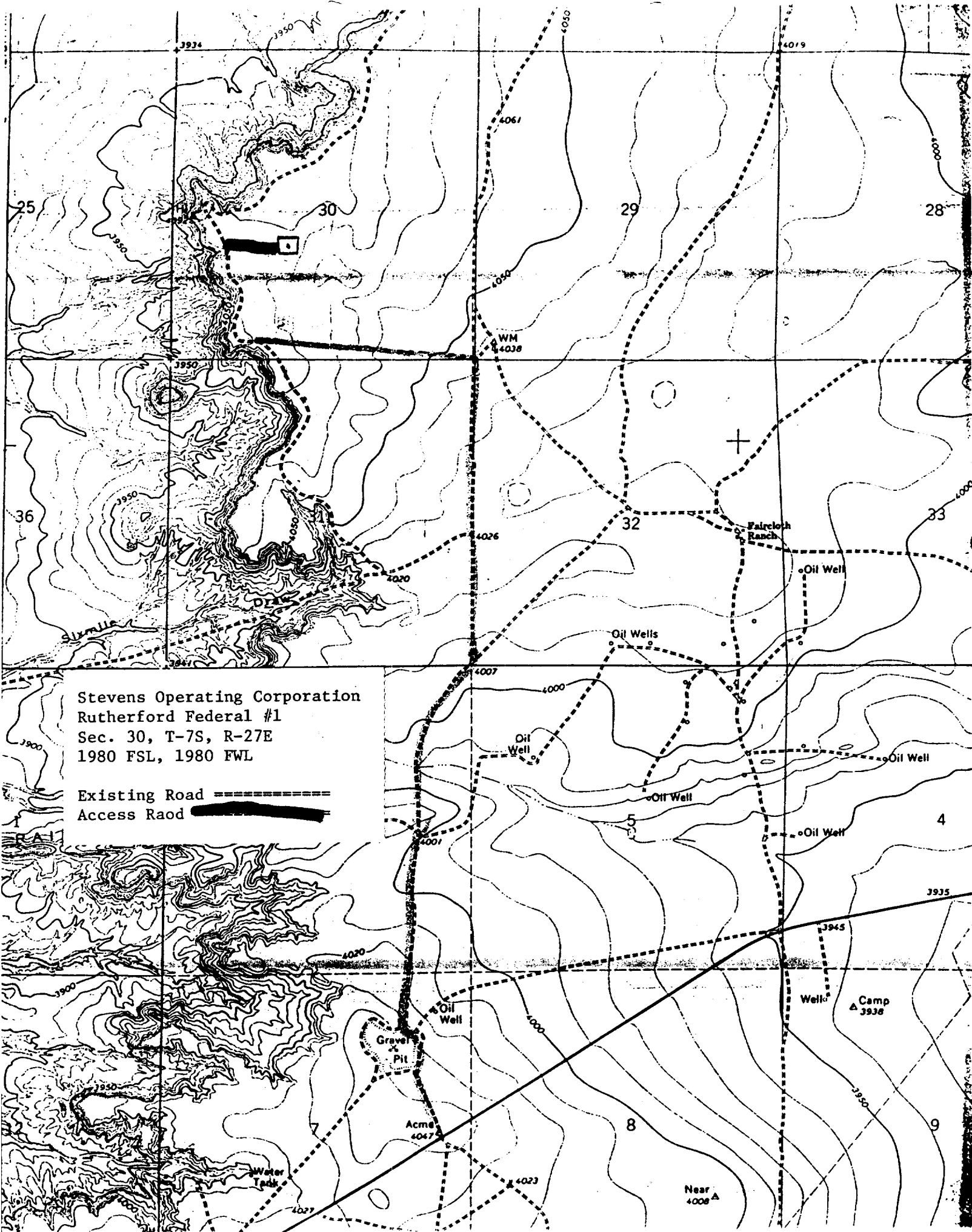
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by STEVENS OPERATING CORPORATION and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4-4-90
Date

Bob Farmer
Bob Farmer
STEVENS OPERATING CORPORATION

Existing Road =====
Access Road ~~XXXXXXXXXXXXXXXXXXXX~~

Existing Road =====
Access Road ~~XXXXXXXXXXXXXXXXXXXX~~

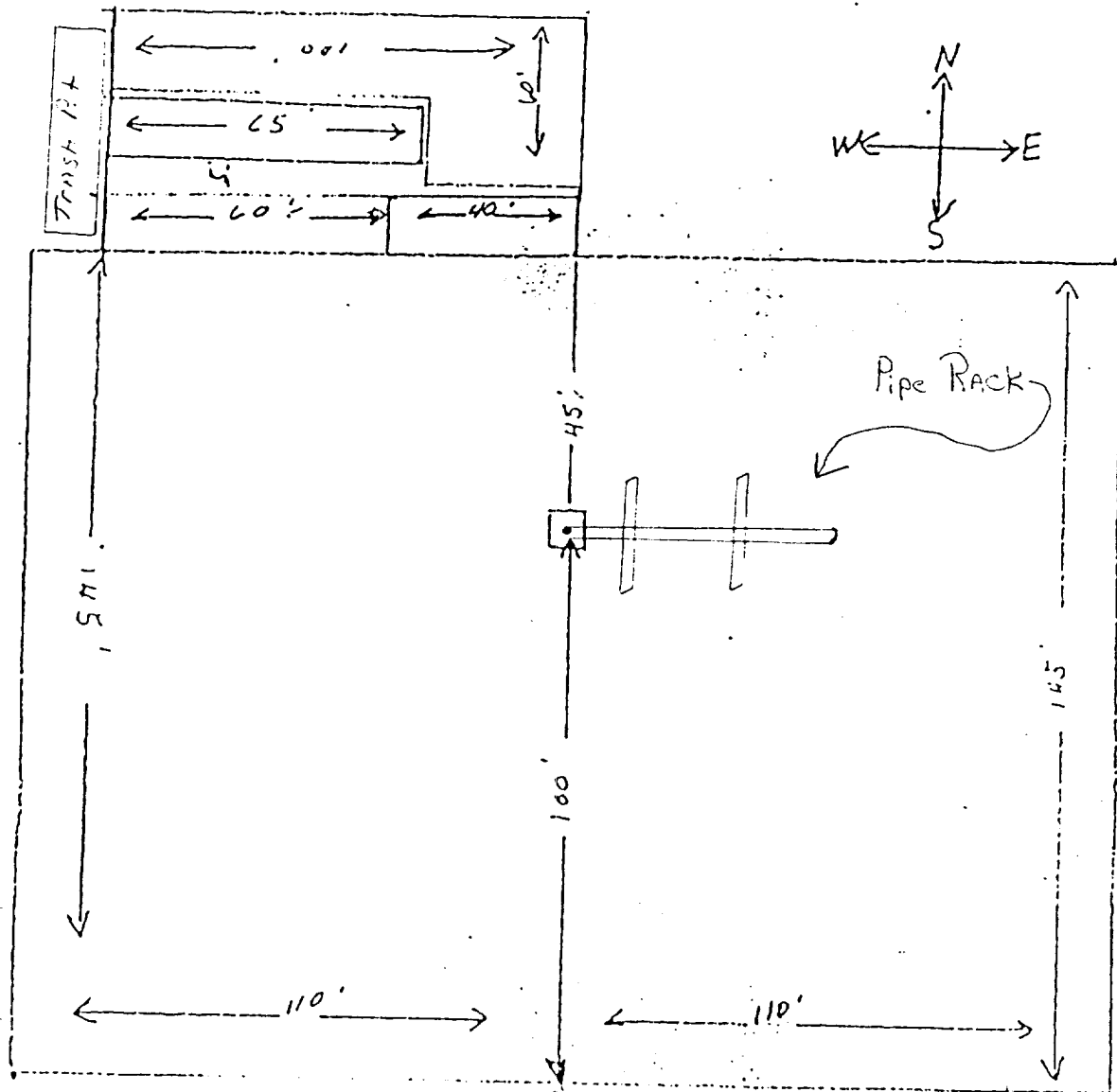


Stevens Operating Corporation
Rutherford Federal #1
Sec. 30, T-7S, R-27E
1980 FSL, 1980 FWL

Existing Road =====
Access Road - - - - -

PLAT FOR PIT LOCATION FOR ARTESIA FISHING TOOL

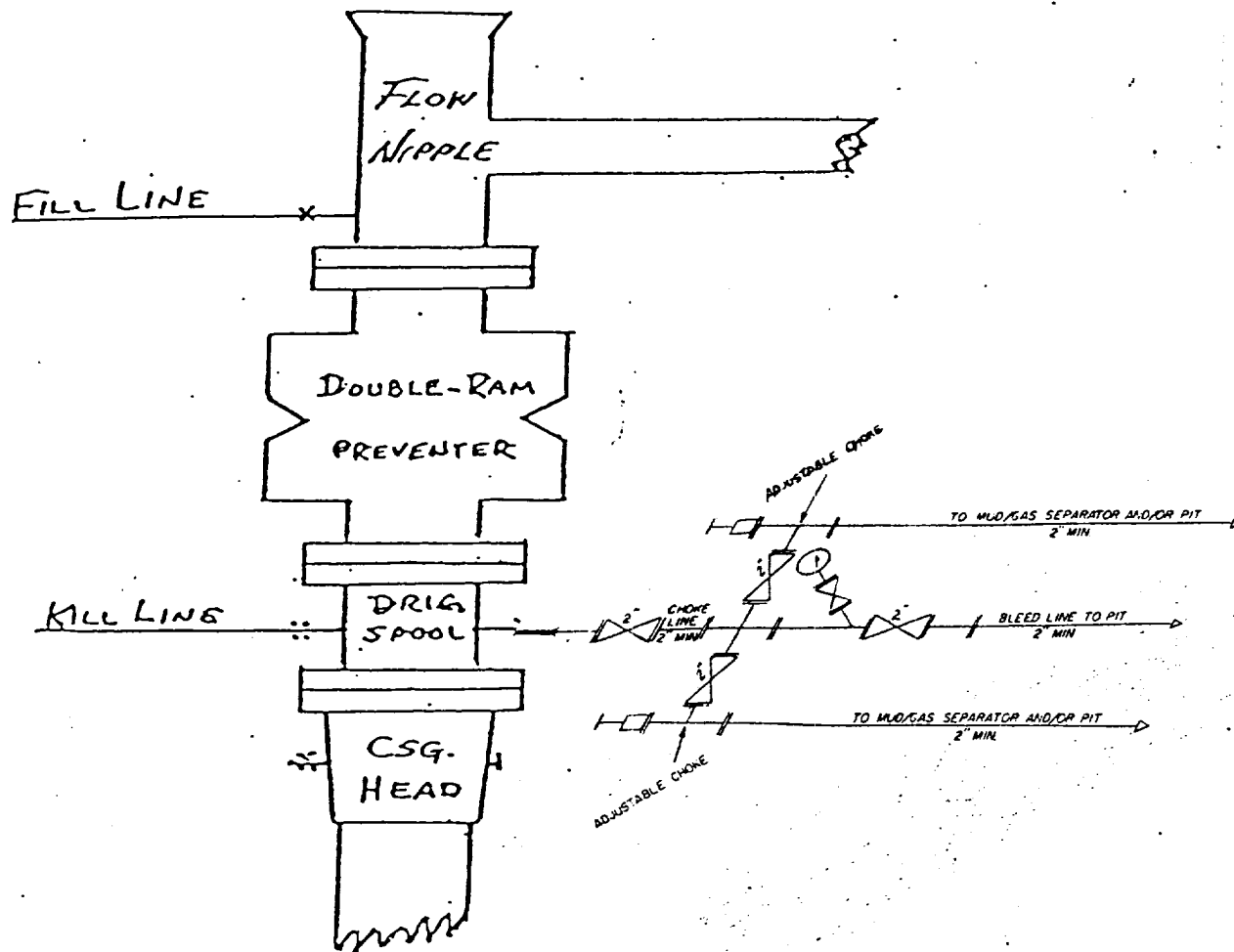
Rigs #1 & #2; L & M DRILLING #2 and LARUE
DRILLING #2



B O P & CHOKE MANIFOLD

SERIES 900

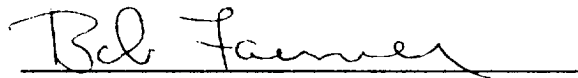
USED AS 2M SYSTEM (2000 PSI W.P.)



SURFACE AGREEMENT FOR - SEC. 30, T-7S, R-27E

Records show that the above-described tract of land is owned as follows:

Surface:	U. S. Government Running N. Cattle Co. (Grass Lease)
Minerals:	U. S. Government
Oil & Gas Leases:	Stevens Oil Company
Designation of Operator:	Stevens Operating Corporation



Bob Farmer
STEVENS OPERATING CORPORATION

EXHIBIT "E"