

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-015-25092 *chf*

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

I-39

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-013814
2. Name of Operator Southeastern Petroleum Inc. ✓	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 911 N. Pearson, Roswell, NM 88201	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FNL, 870' FEL Section 6: Township 17 South, Range 30 East	8. Well Name and No. Apache Federal
	9. API Well No. 1
	10. Field and Pool, or Exploratory Area Square Lake
	11. County or Parish, State Eddy, NM

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

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

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

We propose to re-enter the Santa Fe Energy Company, Evens Federal Com. #1, by drilling out a cement plug @ surface, a plug from 420' to 520', and a plug from 2800' to 2900', and selectively perforate and treat prospective zones. The existing casing is 9 5/8" cemented back to surface (circulated).

*Post ID-1
7-24-92
Re-entry*

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

14. I hereby certify that the foregoing is true and correct	
Signed <u><i>Sammy Longo</i></u>	Title <u>President</u>
(This space for Federal or State office use)	Date <u>25 June 1992</u>
Approved by <u><i>Don Ashby</i></u>	Title <u><i>for</i></u>
Conditions of approval, if any:	Date <u>7-7-92</u>

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
P.O. Box 100, Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator SOUTHEASTERN PETROLEUM INC.			Lease Apache Federal		Well No. 1
Tract Letter H	Section 6	Township 17S	Range 30E	County Eddy	

Actual Footage Location of Well:

1980 feet from the North line and	870 feet from the East line
Ground level Elev. 3687.6 Gr.	Producing Formation Premier
Pool Square Lake	
Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, 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 communization, 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.

Signature
Sonny Longo
Printed Name
Sonny Longo
Position
President
Company
SOUTHEASTERN PETROLEUM INC.
Date
25 June 1992

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
Signature & Seal of Professional Surveyor

Certificate No.

SUPPLEMENTAL DRILLING DATA

SOUTHEASTERN PETROLEUM INC.

APACHE FEDERAL #1

In conjunction with Form 3160-5, Sundry Notice, subject well, Southeastern Petroleum Inc. submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geologic surface formation is Rustler.
2. The estimated tops of geologic markers are as follows:

Dockum Group	Surface
Yates	1,253'
Seven Rivers	1,535'
Queen	2,128'
San Andres	2,588'

3. The estimated depth at which water, oil, or gas formations are expected to be encountered:

Water	200'±	
Oil or Gas	San Andres	2,650-2,950'

4. Proposed Casing Program: Exhibit A.
5. Pressure Control Equipment: Exhibit B.
6. Drilling Fluid Program: KCL water.
7. Auxilliary Equipment: None.
8. We will be using existing logs.
9. No abnormally high pressured zones have been encountered in the area.
10. Starting date: As soon as possible.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

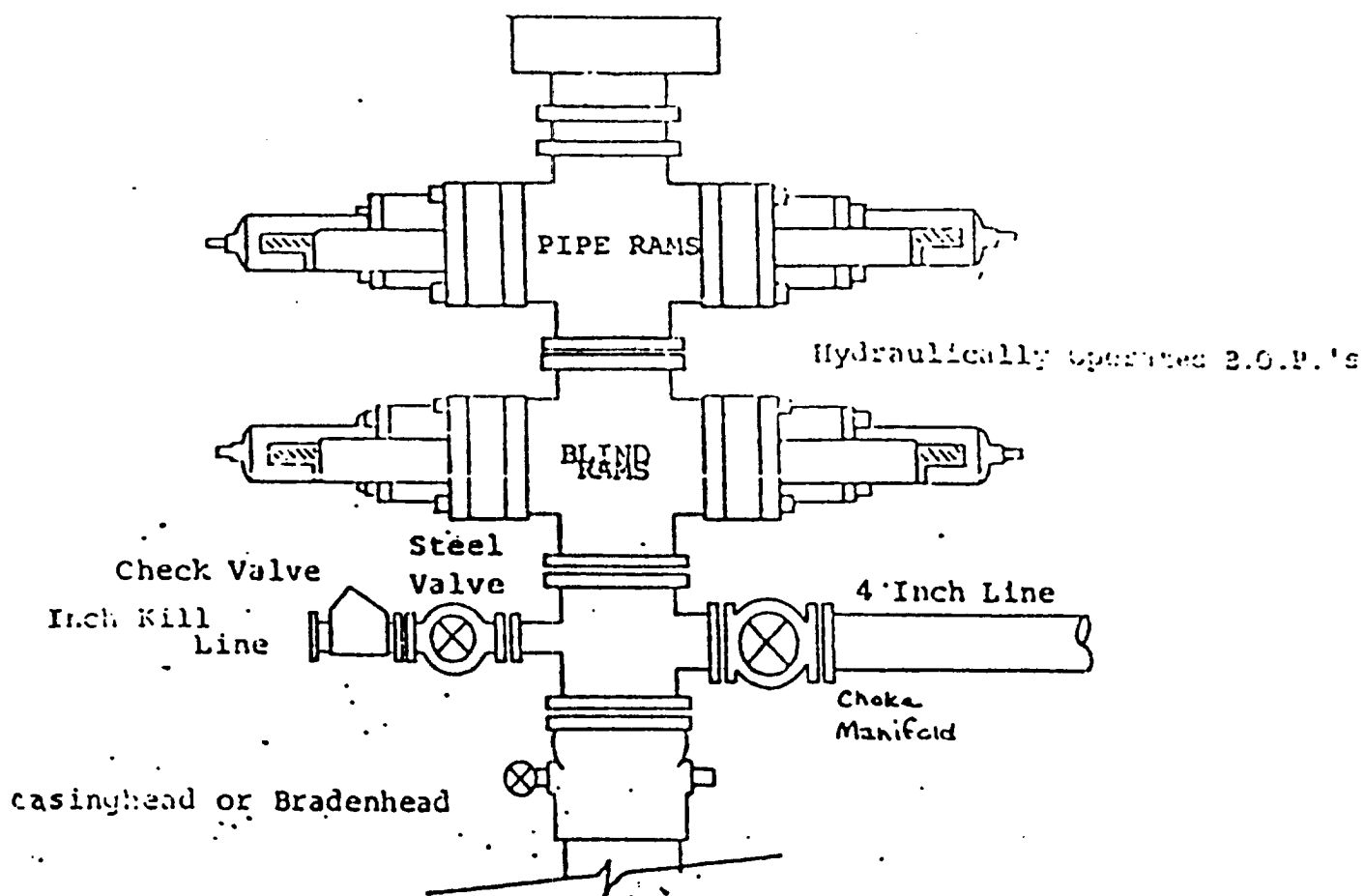
Exhibit A.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 013814 ✓	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. CEN. <input type="checkbox"/> Other _____		6. IF INDIAN, ALIOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Santa Fe Energy Company ✓		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR 500 W. Illinois, Suite 500, Midland, TX, 79701		8. FARM OR LEASE NAME Evans Fed Com	
4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements) At surface 1980' FNL, 870' FEL, Sec. 6, T-17S, R-30E At top prod. interval reported below At total depth same		9. WELL NO. 1 ✓	
14. PERMIT NO. NM 013814		DATE ISSUED 11-14-84	
15. DATE SPUDDED 11-28-84	16. DATE T.D. REACHED 12-30-84	17. DATE COMPL. (Ready to prod.) P&A	18. ELEVATIONS (DF, RKB, RT, OR, ETC.) * 3687.6 GR
20. TOTAL DEPTH, MD & TVD 11,100'	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY *	23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CDCN Gamma Ray, Dual Laterolog, Micro Laterolog Gamma Ray, Dual Induction Focused Log			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	54.5	520'	17 1/2"
9 5/8"	40.0 & 36.0	2899'	12 1/2"
		CEMENTING RECORD	
		530 sx C1 C	
		1900 sx C1C, BJ Lite	
		AMOUNT PULLED	
		None	
		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKS CEMENT *
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION RECORD			
DATE FIRST PRODUCTION Dry hole		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
DATE OF TEST		WELL STATUS (Producing or shut-in)	
HOURS TESTED	CHOKE SIZE	PROD. FOR 14-HR. PERIOD	GAS—MCF.
FLOW, TUBING PRESS.	CASING PRESSURE	WATER—BBL.	GAS-OIL RATIO
CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc)		OIL GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS		TEST WITNESSED BY	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Billie Hood</i>		TITLE Sr. Production Clerk	
DATE 2-20-85			

*(See Instructions and Spaces for Additional Data on Reverse Side)

EXHIBIT B
BDP DIAGRAM



PERTINENT INFORMATION

For

SOUTHEASTERN PETROLEUM INC.

Apache Federal #1

1980' FNL, 870' FEL, Sec. 6: T17S, R30E

Eddy County, NM

<u>LOCATED:</u>	3 air miles north-northwest of Loco Hills.
<u>FEDERAL LEASE NUMBER:</u>	NM-013814
<u>LEASE ISSUED:</u>	Held by Production
<u>ACRES IN LEASE:</u>	40 acres
<u>RECORD LESSEE:</u>	Elliott Oil Company
<u>BOND COVERAGE:</u>	Single Lease
<u>AUTHORITY TO OPERATE</u>	Operating Agreement
<u>SURFACE OWNERSHIP:</u>	Public
<u>GRAZING PERMITTEE:</u>	Unknown
<u>POOL RULES:</u>	40 acres
<u>EXHIBITS:</u>	A. Road and Contour Map B. Lease and Well Map C. Rig Layout D. BOP Diagram

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

SOUTHEASTERN PETROLEUM INC.

Apache Federal #1

1980' FNL, 870' FEL, Sec. 6: T17S, R30E

Eddy County, NM

This plan is submitted with Form 3160-5, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed by rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS

- A. Exhibit E is a topographic map of a scale of approximately two inches to the mile which shows location of the proposed wellsite and roads in the vicinity. The proposed location is situated approximately two miles north of Loco Hills, New Mexico.

DIRECTIONS:

1. Proceed north on County Road 217 from intersection 217 and Highway 82 for 3.7 miles.
2. Turn left (west) on to County Road 257 and continue for 0.9 miles.
3. Turn left (southwest) on to unimproved road and go 0.5 miles.
4. Turn right on new road and go 100' to location.

2. PLANNED ACCESS ROAD

Approximately 100' of 30' wide road was constructed to facilitate traveling from existing roads to location.

3. LOCATION OF EXISTING WELLS

- A. The well locations in the vicinity of the proposed well are shown in Exhibit F.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. There is no producing well on this location at this time.
- B. In the event the well is productive, the necessary production equipment will be installed on the drilling pad. If the well is productive of oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. It is planned to drill the well with both fresh water and brine water systems. Both types of water will be hauled to the location by truck over existing roads. Both types of water will be obtained from commercial sources.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Any caliche required for construction of the drilling pad will be obtained from a pit located off of the wellsite.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be placed in the reserve pits and allowed to evaporate or collected in tanks until hauled to an approved disposal system or a separate disposal application will be submitted to the USGS for approval.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Human waste will be disposed of in a sanitary facility.
- F. Trash, waste paper, garbage, and junk will be hauled away in a trash container.
- G. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

None required

9. WELLSITE LAYOUT

- A. Exhibit G shows the dimensions of the well pad and reserve pits, and the location of major rig components.
- B. The ground surface of the location is sloping down toward the southwest. Cutting will be required to level the pad area, which will be covered with at least six inches of compacted caliche.
- C. The reserve pits will be plastic lined.
- D. A 400' x 400' work area which will contain the pad and pit area has been staked and flagged.

10. PLAN FOR RESTORATION OF THE SURFACE

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleared of all trash and junk, to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management and the United States Geological Survey will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment.

11. TOPOGRAPHY

- A. The wellsite and access route are located in a hilly area.
- B. The top soil at the wellsite is rocky.
- C. The vegetation cover at the wellsite is moderately sparse, with prairie grasses, some yucca, and miscellaneous weeds.
- D. No wildlife was observed but it is likely that rabbits, lizards, insects and rodents traverse the area.
- E. There are no ponds, lakes, streams or rivers within one mile of the wellsite.
- F. The wellsite is located on federal surface.
- G. There is no evidence of any archaeological, historical or cultural sites in the vicinity of the location.

12. OPERATOR'S REPRESENTATIVES

- A. The field representative responsible for assuring compliance with the approved surface use plan is:

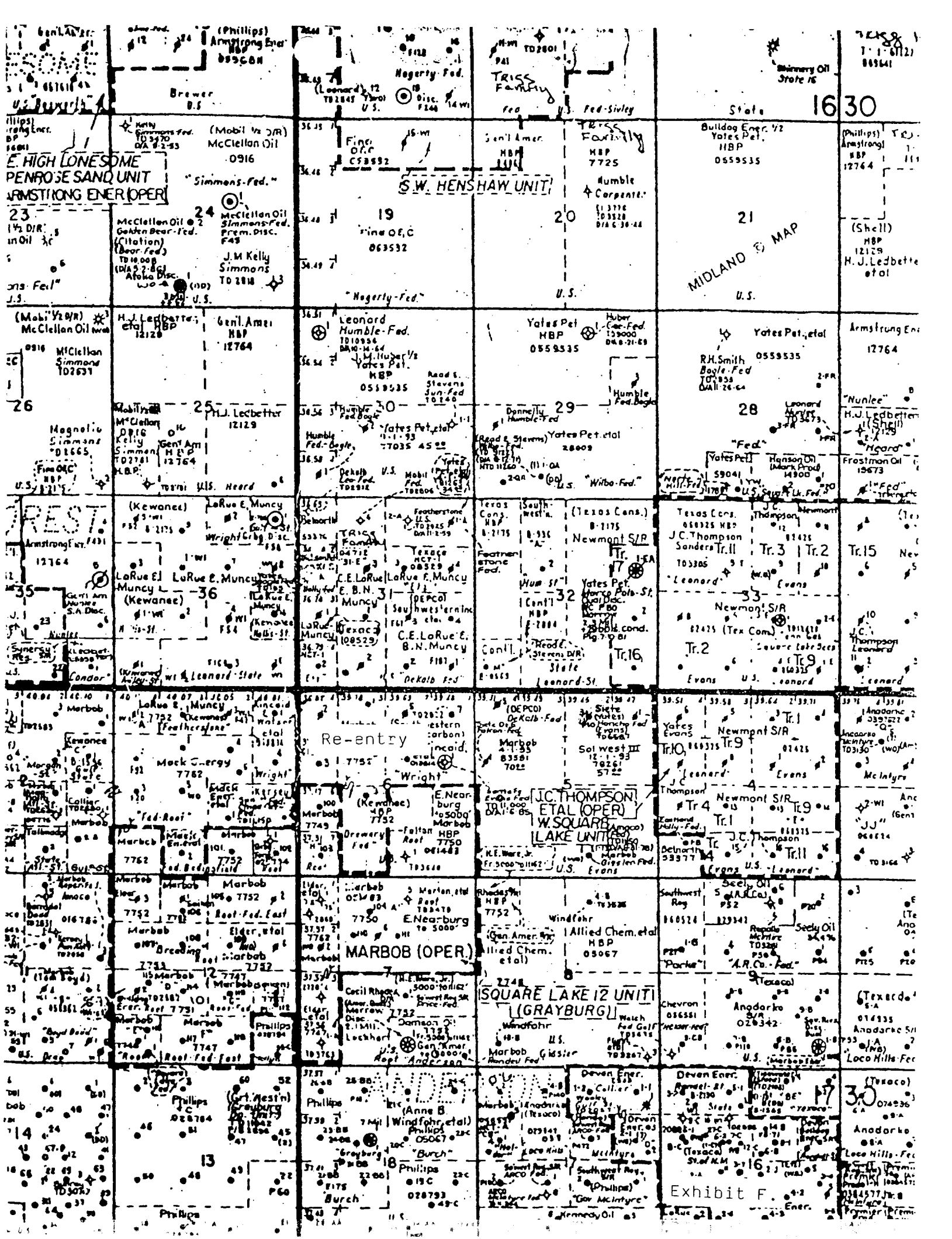
Sonny Longo
President
Southeastern Petroleum Inc.
911 N. Pearson
Roswell, NM 88201
(505) 625-0204, residence (505) 625-1526

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 this 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 SOUTHEASTERN PETROLEUM INC. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

June 25, 1992
Date

Sonny Longo
Sonny Longo



SANTA FE ENERGY
EVANS FED. COM. NO. 1

EXHIBIT E
SANTA FE ENERGY CO.
EVANS FED. COM. NO. 1
SECTION 6, T-17-S, R-30-E