STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-039-23446
Form C-101
Revised 10-1-78

5A. Indicate Type of Lease: STATE ☐ FEE ☒
5. State Oil & Gas Lease No.:

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well: DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name: Samantha
8. Farm or Lease Name: Samantha
9. Well No.: # 3
10. Field and Pool, or Wildcat: UNDES DAKOTA

2. Name of Operator: Alamo Oil & Gas
3. Address of Operator: P.O. BOX 570365 Houston Texas 77257
4. Location of Well: UNIT LETTER N LOCATED 1105 FEET FRO. THE South LINE
AND 2490 FEET FROM THE West LINE OF SEC. 26 TWP. 28 N RGE. 1 EAST NMPM

40

12. County: Rio Arriba

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
1750	G. Horn	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
7313	Well Plugging Bond	Sunland Drilling INC	May 9th 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 3/4	7 5/8	22 lb	80	30	Circulate to Surface
6 1/4	4 1/2	9.5 lb	1750		

Use 200 Cubic ft neat Cement
And Circulate

RECEIVED
MAY 07 1984
OIL CON. DIV.
DIST.

APPROVAL EXPIRES 11-7-84
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Tom Murray Title Agent Date May 7th 1984

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 07 1984

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for NSL

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
ALANA OIL & GAS, INC.	SAMANTHA	3

Unit Letter	Section	Township	Range	County
N	26	28 NORTH	1 EAST	RIO ARRIBA

Actual Footage Location of Well:
1105 feet from the SOUTH line and 2490 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
7313	DAKOTA	UNDES	40 Acres

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

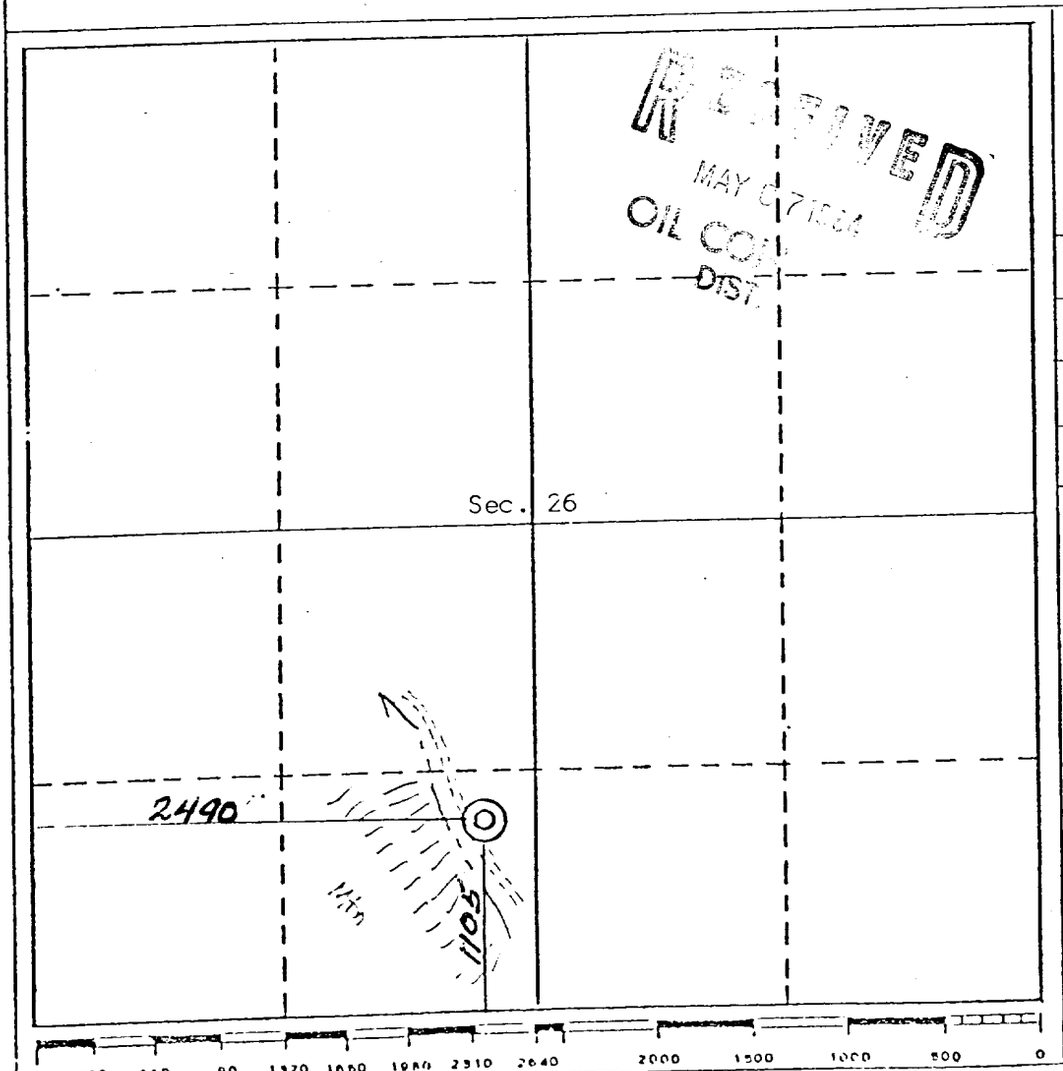
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests 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 interests, has been approved by the Division.



CERTIFICATION

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

Sam Murray

Name: Sam Murray

Position: Agent

Company: Alana Oil & Gas

Date: May 7th 1984

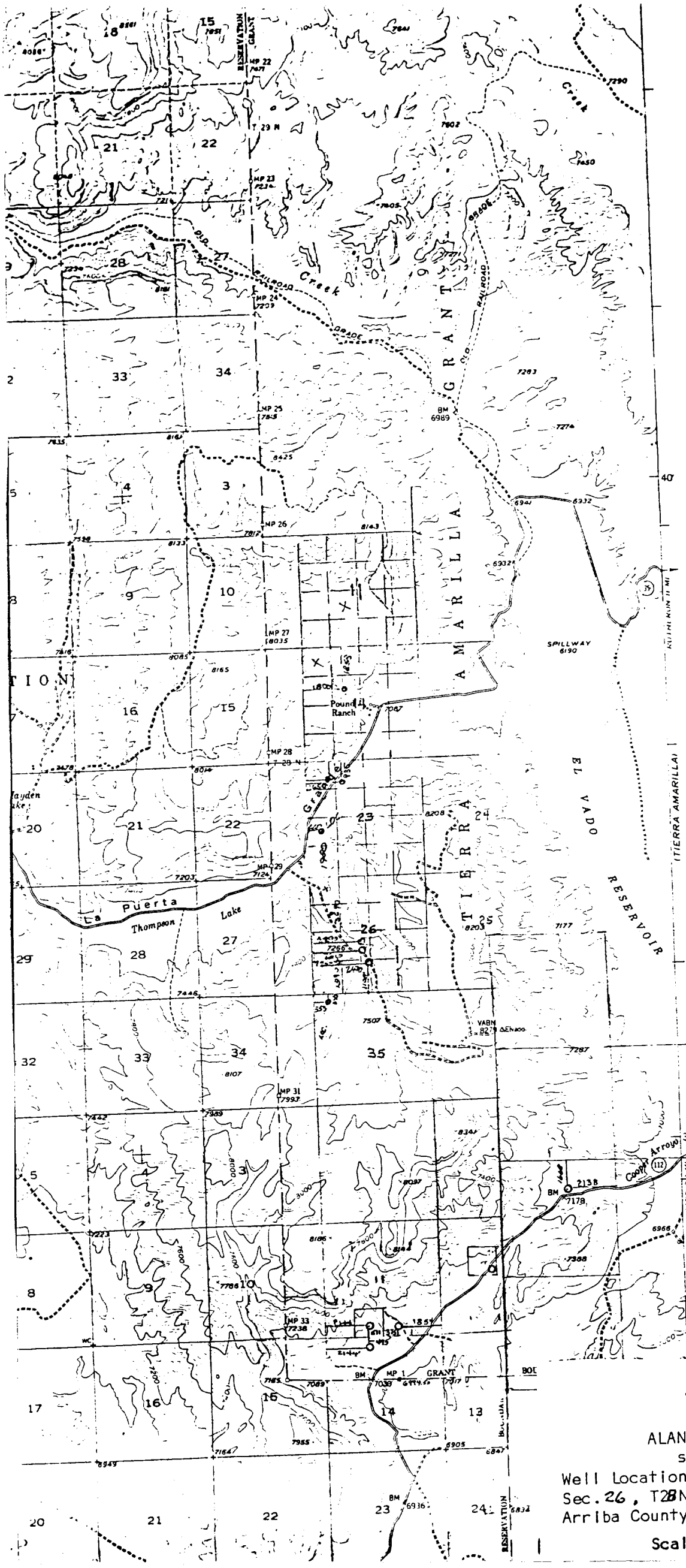
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: 4 May 1984

Registered Professional Engineer and/or Land Surveyor: Curtis Stocking

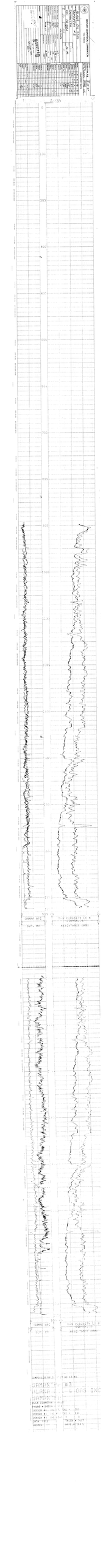
REGISTERED LAND SURVEYOR
NEW MEXICO
CURTIS C. STOCKING

Certificate No. N.M.L.S. 5980



VICINITY MAP
for
ALANA OIL & GAS
showing
Well Location in the SE/4 SW/4 of
Sec. 26, T28N, R1E, N.M.P.M., Rio
Arriba County, New Mexico

Scale: 1" = 1 Mile



CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

COMPANY: ALANA OIL AND GAS

BOREHOLE: SAMANTHA #2

AREA: SAMANTHA | ELEVATION:

COUNTY: RIO ARIBBA | STATE: N. M.

SECTION: 26 | TOWNSHIP: 27N | RANGE: 2E

HOLE DATA

TOTAL DEPTH — DRILLER	1780'	BIT SIZE	6 1/4
TOTAL DEPTH — LOGGER	1776'	CASING — TYPE & SIZE	7 7/8 STEEL
TOTAL FOOTAGE LOGGED	1776'	CASING DEPTH	75'
LOGGING SPEED	60'/MIN	BOREHOLE FLUID	H_2O
REFERENCE LEVEL	GL	FLUID RESISTIVITY	— @ °F
PROBE NO.	9055B-24	SOFTWARE LEVEL	8.2*A
		SCALE SELECTION	☐ OPERATOR ☐ CLIENT

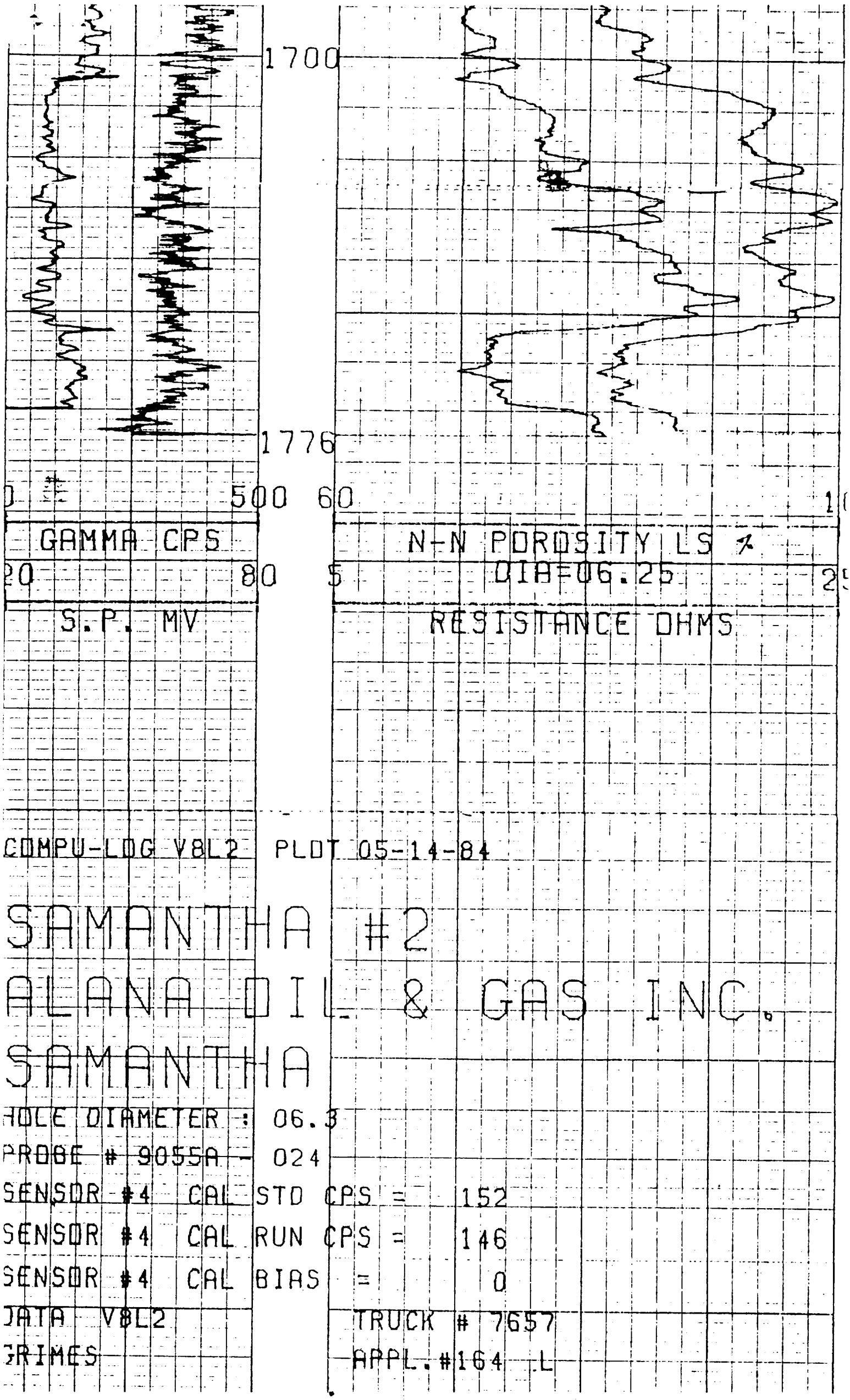
REMARKS:

BOREHOLE: SAMANTHA #2 | DATE: 5-14-87

UNIT/OPERATOR: 7657/GRIMES | FIELD OFFICE: MOAB

EQUIPMENT DATA

PROBE MODEL	9710	9830	[illegible]	9800
PROBE DIAMETER	1.87"	2.5"	1.87"	1.5"
NATURAL GAMMA				
DETECTOR TYPE	NaI	NaI	NaI	NaI
DETECTOR SIZE	.875" x 1.25"	1.25" x 4.5"	.875" x 4.5"	3" x 3.5"
STD. K-FACTOR	1.38 x 10⁻⁶	—	.551 x 10⁻⁶	1.82 x 10⁻⁶
STD. DEADTIME	1 μsec	—	2.18 μsec	1 μsec
CALIB. MODEL LOC.		—	GJT	
CALIB DATE		—	5-7-84	
K-FACTOR x 10⁻⁶		—	.5497	
DEADTIME μsec		—	1.09	
TEST READING		—	—	
WATER FACTOR		—	1.14	
CASING FACTOR		—	—	
DENSITY				
DETECTOR TYPE	—	NaI	—	NaI
DETECTOR SIZE	—	3" x 1.5"	—	3" x 3.5"
SOURCE TYPE	—	Cs^{137}	—	Cs^{137}
SOURCE NO.	—		—	
SOURCE STRENGTH	—		—	
SOURCE SPACING	—		—	
NEUTRON				
DETECTOR TYPE	—	—	He³	—
DETECTOR SIZE	—	—	1.5" x 8.0"	—
SOURCE TYPE	—	—	AmBe	—
SOURCE NO.	—	—	244	—
SOURCE STRENGTH	—	—	1Ci	—
SOURCE SPACING	—	—	16.5"	—
SNGL. PT RESISTANCE	1.4"D x 2.8"L	—	1.4"D x 2.5"L	1.1"D x 2.8"L
RESISTIVITY	—	8" FOCUSED	—	—
SELF POTENTIAL	YES	—	YES	YES
TEMPERATURE	—	—	YES	—
CALIPER	—	—	NO / YES	—
[illegible]	—	YES	—	—



COMPU-LOG V8L2 PLOT 05-14-84

SAMANTHA #2

ALANA OIL & GAS INC.

SAMANTHA

HOLE DIAMETER : 06.3

PROBE # 9055A - 024

SENSOR #4 CAL STD CPS = 152

SENSOR #4 CAL RUN CPS = 146

SENSOR #4 CAL BIAS = 0

DATA V8L2

TRUCK # 7657

GRIMES

APPL. #164 .L

CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

COMPANY	ALANA OIL + GAS
BOREHOLE	SAMANTHA #3
AREA	SAMANTHA
ELEVATION	
COUNTY	RIO ARIBBA
STATE	N. M.
SECTION	
TOWNSHIP	
RANGE	

HOLE DATA

TOTAL DEPTH — DRILLER	1726'	BIT SIZE	6 1/4"
TOTAL DEPTH — LOGGER	1725'	CASING — TYPE & SIZE	7 5/8 Steel
TOTAL FOOTAGE LOGGED	1725'	CASING DEPTH	78'
LOGGING SPEED	60'/MIN	BOREHOLE FLUID	MUD KCl
REFERENCE LEVEL	GL	FLUID RESISTIVITY	— @ °F
PROBE NO.	9055B-24	SOFTWARE LEVEL	8.2X4
		SCALE SELECTION	☐ OPERATOR ☐ CLIENT

REMARKS:

BOREHOLE	SAMANTHA #3
DATE	5-17-84
UNIT/OPERATOR	7657 / GRIMES
FIELD OFFICE	MOAB, UT.

EQUIPMENT DATA

PROBE MODEL	9059	9050	9055	9060	
PROBE DIAMETER	1.65"	2.5"	1.87"	2.5"	
NATURAL GAMMA — DETECTOR TYPE	Nal	Nal	Nal	Nal	
NATURAL GAMMA — DETECTOR SIZE	.875" x 1.25"	1.125" x 4.5"	.875" x 4.5"	5" x 3.5"	
NATURAL GAMMA — STD. K-FACTOR	1.89 x 10⁻⁵	—	.588 x 10⁻⁵	3.82 x 10⁻⁶	
NATURAL GAMMA — STD. DEADTIME	1 μsec	1	—	1.18 μsec	1 μsec
NATURAL GAMMA — CALIB. MODEL/SN.		—	GJT		
NATURAL GAMMA — CALIB. DATE		—	3-8-84		
NATURAL GAMMA — K-FACTOR x 10⁻⁵		—	.5407		
NATURAL GAMMA — DEADTIME μsec		—	1.08		
NATURAL GAMMA — TEST READING		—	—		
NATURAL GAMMA — WATER FACTOR		—	1.14		
NATURAL GAMMA — CASING FACTOR		—			
DENSITY — DETECTOR TYPE	—	Nal	—	Nal	
DENSITY — DETECTOR SIZE	—	5" x 1.5"	—	5" x 3.5"	
DENSITY — SOURCE TYPE	—	Cs¹³⁷	—	Cs¹³⁷	
DENSITY — SOURCE NO.	—		—		
DENSITY — SOURCE STRENGTH	—		—		
DENSITY — SOURCE SPACING	—		—		
NEUTRON — DETECTOR TYPE	—	—	He³	—	
NEUTRON — DETECTOR SIZE	—	—	1.5" x 8.5"	—	
NEUTRON — SOURCE TYPE	—	—	Am-Be	—	
NEUTRON — SOURCE NO.	—	—	248	—	
NEUTRON — SOURCE STRENGTH	—	—	1 Ci	—	
NEUTRON — SOURCE SPACING	—	—	16.75"	—	
SNGL. PT. RESISTANCE	1.4"D x 2.5"L	—	1.4"D x 2.5"L	1.1"D x 2.5"L	
RESISTIVITY	—	6" FOCUSED	—	—	
SELF POTENTIAL	YES	—	YES	YES	
TEMPERATURE	—	—	~~YES~~	—	
DEVIATION	—	—	(YES)	—	
CALIPER	—	YES	—	—	

CT-112 REV. 2/1/80

COMPU-LOG V8L2 PLOT 05-17-84

SAMANTHA #B

ALANA OIL & GAS INC.

SAMANTHA

HOLE DIAMETER : 06.3

PROBE # 9055A = 024

SENSOR #4 CAL STD CPS = 152

SENSOR #4 CAL RUN CPS = 146

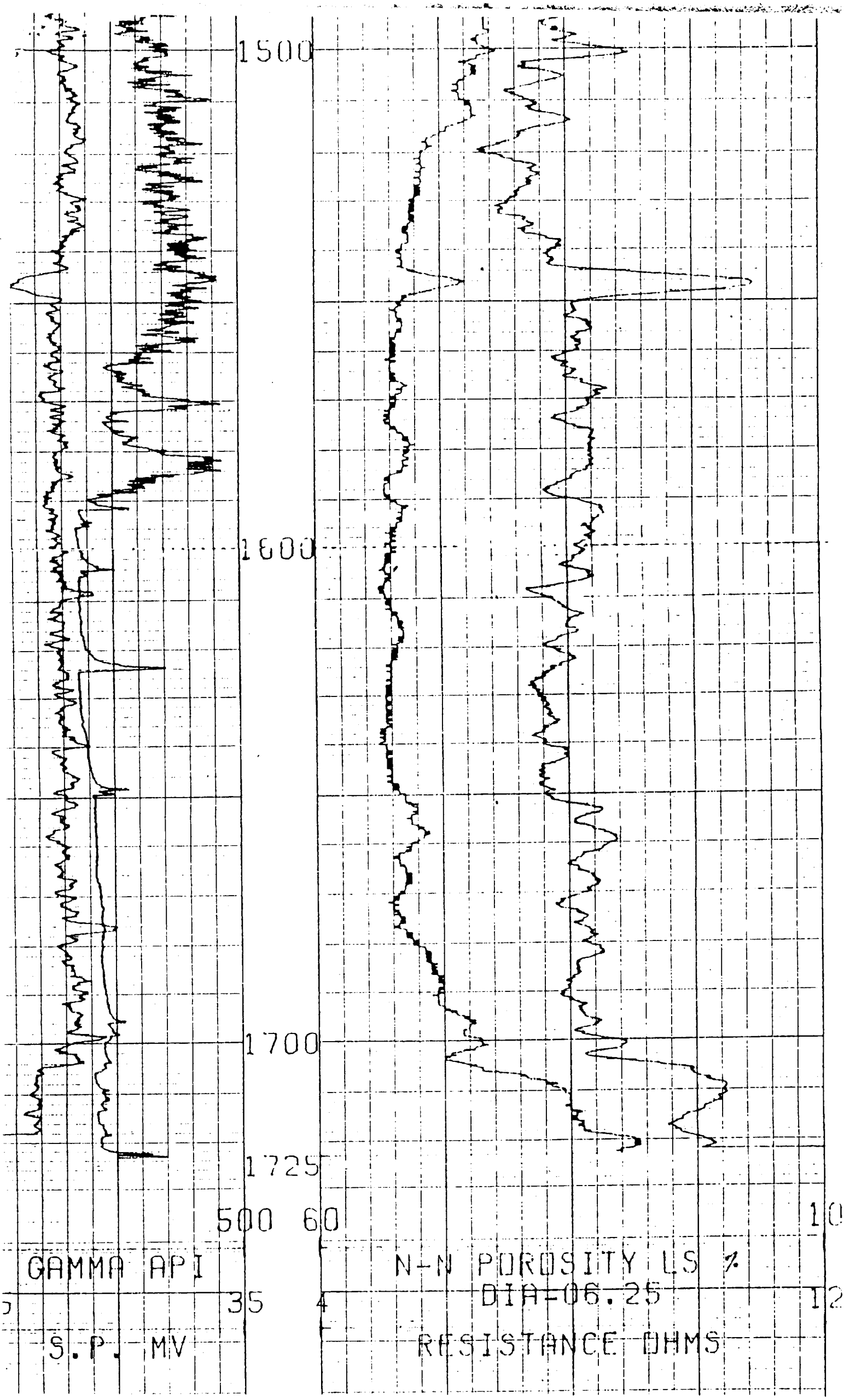
SENSOR #4 CAL BIAS = 0

DATA V8L2

GRIMES

TRUCK # 7657

APPL. #2164 L


1500
1600
1700
1725
500
60
GAMMA API
N-N POROSITY LS %
DIA=06.25
35
4
S.P. MV
RESISTANCE OHMS

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OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER-

7. Unit Agreement Name

2. Name of Operator
ALANA OIL AND GAS CORPORATION

8. Farm or Lease Name
~~W.A. Maddox~~ Samantha

3. Address of Operator
P.O. Box 570365 Houston, Texas 77257-0365

9. Well No.
~~Samantha~~ #3

4. Location of Well
UNIT LETTER N, 1105 FEET FROM THE South LINE AND 2490 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 28N RANGE 1E NMPM.

10. Field and Pool, or Wildcat
Under Gallup

40

15. Elevation (Show whether DF, RT, GR, etc.)
7313

12. County
Rio Arriba

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Perforated 1708 - 1748, 2 shots per ft. Moved completion rig on 9/14/84 back on well, ran monitored breakdown treatment of 1,500 gal. 7½ HCL, 1.5 gal. CCC-3 Clay Control, 3 gal. CIA-1 Inhibitor, 37 lb. CA-1 cheleating agent, 6 gal. SSS-1 Shilk super, 1.5 gal. SAA-1 surfactant, and 160 ball sellers. Swabbed all fluid back, estimated 5 B.O.P.D. On 9/23/84 a stabilized foam frack was done starting with safety meeting, tested lines to 4000 PSI, started 10,000 gal. foam pad, started 10,000 gal 1# 10/20 sand, shut down sand off, used 70Q foam gelling agent NNP-12, bled off pressure and released rig. Waiting on weather to finish testing.

Well sign now installed.

RECEIVED
OCT 15 1984
OIL CON. DIV.
DIST. 3

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

SIGNED J. Frank Hill Jr. TITLE President DATE 10/1/84

APPROVED BY Frank Hill. TITLE _____ DATE 10-22-84

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR		

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

3

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

7. Unit Agreement Name

1. OIL WELL ☒ GAS WELL ☐ OTHER-

8. Farm or Lease Name: ~~W.A. Maddox~~ Samantha

2. Name of Operator: ALANA OIL AND GAS CORPORATION

9. Well No.: ~~Samantha~~ #3

3. Address of Operator: P.O. Box 570365 Houston, Texas 77257-0365

10. Field and Pool, or Wildcat: Undes. Gallup

4. Location of Well: UNIT LETTER N, 1105 FEET FROM THE South LINE AND 2490 FEET FROM THE West LINE, SECTION 26, TOWNSHIP 28N, RANGE 1E, NMPM.

40

15. Elevation (Show whether DF, RT, GR, etc.): 7313

12. County: Rio Arriba

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☒	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Well was spudded in at 7:00A M., 5 1 8 184 Size of hole 9 7/8 " to 78' depth. Set size 7 5/8 ", weight 26 #, tested 2000 Range 2, cased to 76'. Cemented surface at 2:45P M. on 5/10/84. Cementing application: 64 cu. ft., Class A brand cement, 2% Cal. Clo. additives and cement circulated to surface with plug bumped. Cement in place for 5 ~~Days~~ prior to starting test. Casing and cement test was at 7:00A M. on 5/20/84. 400 PSI of pressure was held for 1/2 hr. Time drilled out 8:00A M. on 5/20/84. Size of hole 6 1/4 " to 1778 ' depth. Ran SP, Resistance, Gamma Ray logs. Set size 4 1/2 ", weight 10.5 #, tested 3000 PSI, Range 3 casing to 1777 '. Cementing application: 256 cu. ft., Class A brand cement, 2% Cal. Clo. additives and cement circulated to surface with plug bumped. Approximate temperature of cement slurry when mixed 80 °. Estimated formation temperature in zone of interest 75 °. Cement in place for ___ hr. prior to starting test. Casing and cement test was at 10:00A M. on 9/12/84. 1500 PSI of pressure was held for 1/2 hr.

Well sign now installed.

RECEIVED
OCT 15 1984
OIL CON. DIV.
DIST. 3

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

SIGNED J. Frank Hill TITLE President DATE 10/1/84

Frank Hill

APPROVED BY Leon Bussel TITLE ___ DATE 10-22-84

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

26-28N-1E

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

October 12, 1984

RECEIVED
OCT 17 1984
OIL CON. DIV.
DIST. 3

Alana Oil and Gas Corporation
P.O. Box 570365
Houston, Texas 77257-0365

Attention: E. Frank Hill, Jr.

Administrative Order NSL-1913

Gentlemen:

Reference is made to your application for a non-standard location for your Samantha Well No. 3 to be located 1105 from the South line and 2490 feet from the West line of Section 26, Township 28 North, Range 1 East, the SE/4 SW/4 of said Section 26 to be dedicated to the well, Greenhorn member of the Mancos Formation, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 104 FI of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

R. L. STAMETS,
Acting Director

RLS/dp

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

TONEY ANAYA
GOVERNOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

July 26, 1985

Alana Oil & Gas, Inc.
P.O. Box 570365
Houston, TX 77257

Re: Alana #1 N-11-27N-1E
Samantha #1 L-26-28N-1E
Samantha #2 K-26-28N-1E
Samantha #3 N-26-28N-1E

Gentlemen:

As you are aware the referenced wells were spudded between 1-11-84 and 5-9-84. This office has never received completion reports, and apparently the wells have never produced.

You are hereby directed to initiate plugging activity within 30 days of this date. Failure to comply will result in a case being called for your company, Fidelity Deposit and Surety Co., and all other interested parties to appear and show cause why the wells should not be plugged and abandoned in accordance with a Division approved plugging program.

Notify this office at at least 24 hours prior to initiating plugging activity, as we will have a witness present.

Yours truly,

Charles Gholson

Charles Gholson
Oil & Gas Inspector

CG/dj

xc: Jeff Taylor
Well Files
Operator File

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

TONEY ANAYA
GOVERNOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

December 10, 1985

Mr. Jeff Taylor
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Alana Oil & Gas Inc.
Alana #1 N-11-27N-1E
Samantha #1 L-26-28N-1E
Samantha #2 K-26-28N-1E
Samantha #3 N-26-28N-1E

Dear Jeff:

The referenced wells were drilled between January 11, 1984, and May 9, 1984. This office has never received completion reports, and apparently the wells are abandoned.

In order to prevent waste and protect fresh water, please docket a case calling for Alana Oil & Gas Inc., Fidelity and Deposit Co, and all other interested parties to appear and show cause why the Alana #1, located 511 feet from the South line and 2144 feet from the West line of Section 11-27N-1E, the Samantha #1, located 1580 feet from the South-line and 1202 feet from the West line of Section 26-28N-1E, the Samantha #2, located 1985 feet from the South line and 2290 feet from the West line of Section 26-28N-1E, and the Samantha #3, 1105 feet from the South line and 2490 feet from the West line of Section 26-28N-1E, should not be plugged and abandoned in accordance with Division approved plugging programs.

Yours truly,

Charles Gholson
Oil & Gas Inspector

CG/dj

xc: Wells Files
Operator File

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

well file copy

CASE NO. 8863
Order No. R-8210

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION ON ITS OWN MOTION TO PERMIT ALANA OIL AND GAS CORPORATION, FIDELITY AND DEPOSIT COMPANY, AND OTHER INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY THREE CERTAIN WELLS ON THEIR SAMANTHA LEASE IN SECTION 26, TOWNSHIP 28 NORTH, RANGE 1 EAST, AND A WELL ON THEIR ALANA LEASE IN SECTION 11, TOWNSHIP 27 NORTH, RANGE 1 EAST, ALL IN RIO ARRIBA COUNTY, NEW MEXICO, SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE WITH A DIVISION APPROVED PLUGGING PROGRAM

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on April 2, 1986, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 25th day of April, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) At the time of the hearing Division Cases Nos. 8862, 8863, and 8864 were consolidated for purposes of testimony.

(3) Alana Oil & Gas Corporation is the owner and operato of the Samantha Wells Nos. 1, 2, and 3, located 1580 feet from the South line and 1202 feet from the West line (Unit L), 1985 feet from the South line and 2290 feet from the West line (Uni K), and 1105 feet from the South line and 2490 feet from the West line (Unit N), respectively, all in Section 26, Township 2 North, Range 1 East, NMPM, and the Alana Well No. 1 located 51 feet from the South line and 2144 feet from the West line (Unit N) of Section 11, Township 27 North, Range 1 East, NMPM all in Rio Arriba County, New Mexico.

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OIL CON. DIV.
DIST. 3

(4) Fidelity and Deposit Company is the surety on each of the Oil Conservation Division one well plugging bonds for the above-described wells.

(5) The purpose of said bond is to assure the state that the subject wells will be properly plugged and abandoned when they are no longer capable of commercial production.

(6) The current condition of each of said wells is such that waste may occur, correlative rights may be violated or fresh waters may be contaminated if action is not taken to properly plug and abandon the same or return them to production.

(7) In order to prevent waste, to protect correlative rights, and to protect fresh waters the above-described wells should be plugged and abandoned in accordance with a program approved by the Aztec District Office of the New Mexico Oil Conservation Division on or before May 25, 1986, or the wells should be returned to active drilling status or placed on production.

IT IS THEREFORE ORDERED THAT:

(1) Alana Oil and Gas Corporation and Fidelity and Deposit Company are hereby ordered to plug and abandon the Samantha Wells Nos. 1, 2, and 3 located 1580 feet from the South line and 1202 feet from the West line (Unit L), 1985 feet from the South line and 2290 feet from the West line (Unit K), and 1105 feet from the South line and 2490 feet from the West line (Unit N), respectively, all in Section 26, Township 28 North, Range 1 East, NMPM, and the Alana Well No. 1 located 511 feet from the South line and 2144 feet from the West line (Unit N) of Section 11, Township 27 North, Range 1 East, NMPM, all in Rio Arriba County, New Mexico on or before May 25, 1986.

(2) Alana Oil & Gas Corporation and Fidelity and Deposit Company, prior to plugging and abandoning the above-described wells, shall obtain from the Aztec office of the Division, a Division-approved program for said plugging and abandoning, and shall notify the Aztec office of the date and hour said work is to commence whereupon the Division may, at its option, witness such work.

(3) In the alternative, the Supervisor of the Division's district office at Aztec may permit any of said wells to be completed or recompleted as a producer provided that an acceptable plan for such work is filed with such office prior to May 25, 1986, provided that such work shall be completed within 180 days following entry of this order.

(4) Any such well failing to be completed or recompleted within such time period shall be plugged and abandoned as provided above within 60 days following the close of said 180 day period.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

R. L STAMETS,
Director

S E A L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

Plugging Orders

CASE NO. 8863
Order No. R-8210

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION ON ITS OWN MOTION TO PERMIT ALANA OIL AND GAS CORPORATION, FIDELITY AND DEPOSIT COMPANY, AND OTHER INTERESTED PARTIES TO APPEAR AND SHOW CAUSE WHY THREE CERTAIN WELLS ON THEIR SAMANTHA LEASE IN SECTION 26, TOWNSHIP 28 NORTH, RANGE 1 EAST, AND A WELL ON THEIR ALANA LEASE IN SECTION 11, TOWNSHIP 27 NORTH, RANGE 1 EAST, ALL IN RIO ARRIBA COUNTY, NEW MEXICO, SHOULD NOT BE PLUGGED AND ABANDONED IN ACCORDANCE WITH A DIVISION APPROVED PLUGGING PROGRAM

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on April 2, 1986, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 25th day of April, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) At the time of the hearing Division Cases Nos. 8862, 8863, and 8864 were consolidated for purposes of testimony.

(3) Alana Oil & Gas Corporation is the owner and operator of the Samantha Wells Nos. 1, 2, and 3, located 1580 feet from the South line and 1202 feet from the West line (Unit L), 1985 feet from the South line and 2290 feet from the West line (Unit K), and 1105 feet from the South line and 2490 feet from the West line (Unit N), respectively, all in Section 26, Township 28 North, Range 1 East, NMPM, and the Alana Well No. 1 located 511 feet from the South line and 2144 feet from the West line (Unit N) of Section 11, Township 27 North, Range 1 East, NMPM, all in Rio Arriba County, New Mexico.

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DIST. 3

(4) Fidelity and Deposit Company is the surety on each of the Oil Conservation Division one well plugging bonds for the above-described wells.

(5) The purpose of said bond is to assure the state that the subject wells will be properly plugged and abandoned when they are no longer capable of commercial production.

(6) The current condition of each of said wells is such that waste may occur, correlative rights may be violated or fresh waters may be contaminated if action is not taken to properly plug and abandon the same or return them to production.

(7) In order to prevent waste, to protect correlative rights, and to protect fresh waters the above-described wells should be plugged and abandoned in accordance with a program approved by the Aztec District Office of the New Mexico Oil Conservation Division on or before May 25, 1986, or the wells should be returned to active drilling status or placed on production.

IT IS THEREFORE ORDERED THAT:

(1) Alana Oil and Gas Corporation and Fidelity and Deposit Company are hereby ordered to plug and abandon the Samantha Wells Nos. 1, 2, and 3 located 1580 feet from the South line and 1202 feet from the West line (Unit L), 1985 feet from the South line and 2290 feet from the West line (Unit K), and 1105 feet from the South line and 2490 feet from the West line (Unit N), respectively, all in Section 26, Township 28 North, Range 1 East, NMPM, and the Alana Well No. 1 located 511 feet from the South line and 2144 feet from the West line (Unit N) of Section 11, Township 27 North, Range 1 East, NMPM, all in Rio Arriba County, New Mexico on or before May 25, 1986.

(2) Alana Oil & Gas Corporation and Fidelity and Deposit Company, prior to plugging and abandoning the above-described wells, shall obtain from the Aztec office of the Division, a Division-approved program for said plugging and abandoning, and shall notify the Aztec office of the date and hour said work is to commence whereupon the Division may, at its option, witness such work.

(3) In the alternative, the Supervisor of the Division's district office at Aztec may permit any of said wells to be completed or recompleted as a producer provided that an acceptable plan for such work is filed with such office prior to May 25, 1986, provided that such work shall be completed within 180 days following entry of this order.

(4) Any such well failing to be completed or recompleted within such time period shall be plugged and abandoned as provided above within 60 days following the close of said 180 day period.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

R. L STAMETS,
Director

S E A L

(4) Fidelity and Deposit Company is the surety on each of the Oil Conservation Division one well plugging bonds for the above-described wells.

(5) The purpose of said bond is to assure the state that the subject wells will be properly plugged and abandoned when they are no longer capable of commercial production.

(6) The current condition of each of said wells is such that waste may occur, correlative rights may be violated or fresh waters may be contaminated if action is not taken to properly plug and abandon the same or return them to production.

(7) In order to prevent waste, to protect correlative rights, and to protect fresh waters the above-described wells should be plugged and abandoned in accordance with a program approved by the Aztec District Office of the New Mexico Oil Conservation Division on or before May 25, 1986, or the wells should be returned to active drilling status or placed on production.

IT IS THEREFORE ORDERED THAT:

(1) Alana Oil and Gas Corporation and Fidelity and Deposit Company are hereby ordered to plug and abandon the Samantha Wells Nos. 1, 2, and 3 located 1580 feet from the South line and 1202 feet from the West line (Unit L), 1985 feet from the South line and 2290 feet from the West line (Unit K), and 1105 feet from the South line and 2490 feet from the West line (Unit N), respectively, all in Section 26, Township 28 North, Range 1 East, NMPM, and the Alana Well No. 1 located 511 feet from the South line and 2144 feet from the West line (Unit N) of Section 11, Township 27 North, Range 1 East, NMPM, all in Rio Arriba County, New Mexico on or before May 25, 1986.

(2) Alana Oil & Gas Corporation and Fidelity and Deposit Company, prior to plugging and abandoning the above-described wells, shall obtain from the Aztec office of the Division, a Division-approved program for said plugging and abandoning, and shall notify the Aztec office of the date and hour said work is to commence whereupon the Division may, at its option, witness such work.

(3) In the alternative, the Supervisor of the Division's district office at Aztec may permit any of said wells to be completed or recompleted as a producer provided that an acceptable plan for such work is filed with such office prior to May 25, 1986, provided that such work shall be completed within 180 days following entry of this order.

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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease State ☐ Fee ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

7. Unit Agreement Name

1. OIL WELL ☒ GAS WELL ☐ OTHER-

8. Farm or Lease Name: Samantha

2. Name of Operator: ~~Athena Oil and Gas~~ Suntex

9. Well No.: 3

3. Address of Operator: P.O. Box 570365 Houston, Texas 77257

10. Field and Pool, or Wildcat: Wildcat Dakota

4. Location of Well
UNIT LETTER N, 1105 FEET FROM THE South LINE AND 2490 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 28 RANGE 1E NMPM.

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

12. County

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Reenter well with rods and tubing. Set pump Jack and pump unit to determine its potential and fill out necessary forms. If will is unproductive will plug and abandon immediately.

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JUN 20 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Original Signed by FRANK T. CHAVEZ TITLE Supervisor DATE 6-18-86

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE JUN 20 1986

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Alana Oil + Gas Corp.	Samantha	3

Unit Letter	Section	Township	Range	County
N	26	28 North	1 East	Rio Arriba

Actual Footage Location of Well:
1105 feet from the South line and 2490 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
7313	Gallup	W. C.	40 Acres

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

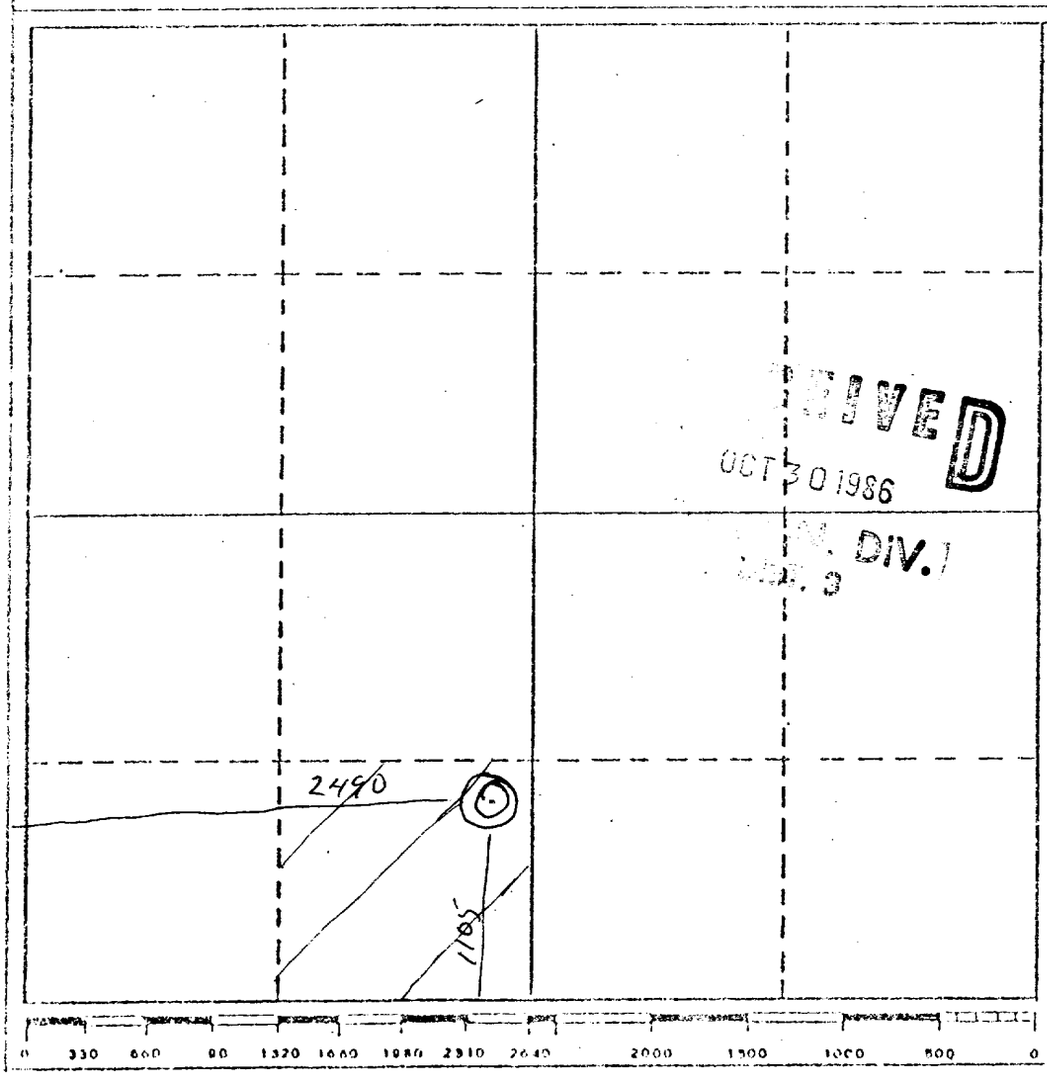
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests 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 interests, has been approved by the Division.



RECEIVED
OCT 30 1986
OIL CON. DIV.
DIST. 3

CERTIFICATION

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

Name: Craig Hill

Position: Agent

Company: Alana Oil + Gas

Date: 10/22/86

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Alana Oil + Gas Corp	Samantha	3

Unit Letter	Section	Township	Range	County
N	26	28 North	1 East	Rio Arriba

Actual Footage Location of Well:
1105 feet from the South line and 2490 feet from the west line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
7313	Gallup	W. C.	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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).

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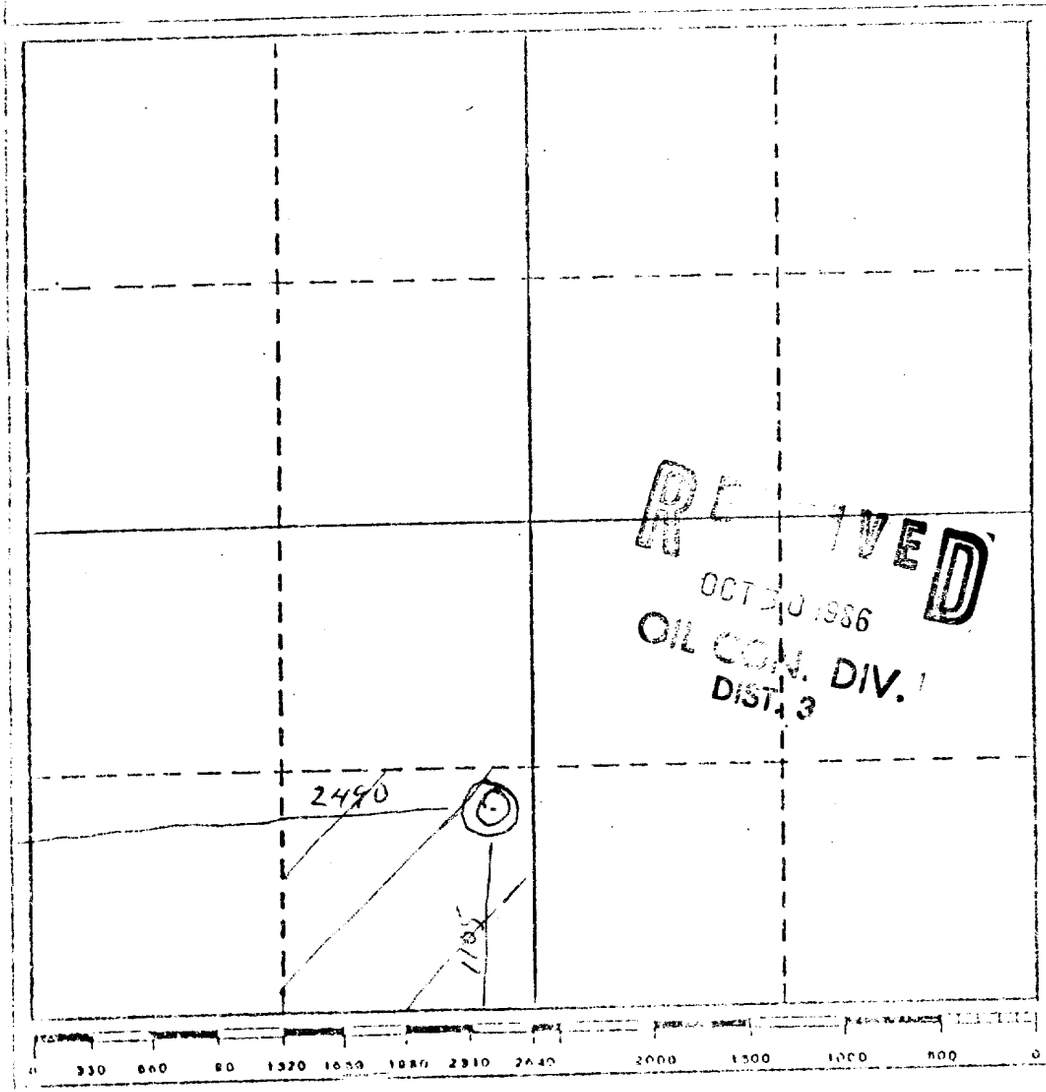
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 interests, has been approved by the Division.



RECEIVED
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OIL CON. DIV.
DIST. 3

CERTIFICATION

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

Craig Hill
Name

Agent
Position

Agent
Company

Alana Oil + Gas
Date

10/22/86

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Form C-105
Revised 10-1-78

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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DIST. 3

5a. Indicate Type of Lease: State ☐ Fee ☒
5. State Oil & Gas Lease No.:

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name: SAMANTHA
8. Farm or Lease Name: SAMANTHA
9. Well No.: 3
10. Field and Pool, or Wildcat: Gallop, W.C. #0

2. Name of Operator: ALANA Oil & Gas Corp.
3. Address of Operator: P.O. Box 520365 Houston, Texas 77252-0365
4. Location of Well: UNIT LETTER N LOCATED 1105 FEET FROM THE South LINE AND 2490 FEET FROM THE West LINE OF SEC. 26 TWP. 28N RGE. 1E NMPM
12. County: Rio Arriba

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
5/8/84	5/22/84	9/14/84	7313'	7315'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
1778'	—		→	✓	

24. Producing Interval(s), of this completion — Top, Bottom, Name: Dreenhorn, "Gallop"
25. Was Directional Survey Made: Yes.
26. Type Electric and Other Logs Run: Gamma Ray
27. Was Well Cored: No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8'	26	76'	9 7/8	64 Cu. ft. Class A, 2% Cal. Chl.	
4 1/2'	10.5	1777'	6 1/4	256 Cu. ft. Class A, 2% Cal. Chl.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	1693	

31. Perforation Record (Interval, size and number): 1708 - 1748, 2 shots per ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
(1708 - 1748)	1500 gal 7½ HCL, 1.5 gal CCC-3 Clay control 3 gal CIA-1 Inhibitor, 32 lb. CA-1 Chelating agent 10,000 gal foam pad, 10,000 gal 1# 10/20 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping – Size and type pump)	Well Status (Prod. or Shut-in)
9/14/84	Pumping 36" stroke 1 1/4" pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio
10/21/86	6	2"		2.4	TSTM	-0-	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API (Corr.)
2½ lb.	5 lb.		9.6	TSTM	-0-	36

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented
Test Witnessed By: Craig Hill

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED E. Frank Hill Jr. TITLE President DATE Oct. 30, 1986

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn	1748'	T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1748'		Mancos (Drecton)				

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

5a. Indicate Type of Lease: State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER-
7. Unit Agreement Name
2. Name of Operator: Alana Oil & Gas Corp
8. Farm or Lease Name: Samantha
3. Address of Operator: P.O. Box 570365 Houston, Texas 77257-0365
9. Well No.: 3
4. Location of Well: UNIT LETTER M, 1105' FEET FROM THE South LINE AND 2790' FEET FROM THE West LINE, SECTION 26 TOWNSHIP 28N RANGE 1E NMPM.
10. Field and Pool, or Wildcat: Gallop W.C.
15. Elevation (Show whether DF, RT, GR, etc.): 7313
12. County: Rio Arriba

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pull rods & tubing 10/18/86, ran deviation survey, redressed bottom hole pump, ran tubing back in, set pump at 1693', hot oiled with 60 BBl of native oil. well is presently pumping at 9.6 B.O.P.D.

(See Tabulation of Deviation Test attached)

Well is presently shut in waiting for motor parts on Pump Jack.

RECEIVED
OCT 30 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Craig Hill TITLE Agent DATE Oct. 22, 1986

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE OCT 30 1986

CONDITIONS OF APPROVAL, IF ANY:

Alana Oil & Gas Corp.
P.O. Box 570365
Houston, Texas 77257

E.26-28N.-15

Tabulation Of Deviation Test

Samantha #3
Rio Arriba County, New Mexico

Deviation	Depth
¼	500
½	1000
¾	1500

Affadavit

This is to certify that the above deviation tests are correct to the best of my knowledge.

Bud Cribbs
C&C Oilfield Service

Subscribed and swarn before me this the 29th day of October, 1986
My commision expires 10-19-87

Notary Public Lori Downs.

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OIL CON. DIV.
DIST. 3

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

7. Unit Agreement Name

OIL WELL ☒ GAS WELL ☐ OTHER-

8. Farm or Lease Name: ~~W. A. Maddox~~ Seaman

2. Name of Operator: ALANA OIL AND GAS CORPORATION

9. Well No.: 3

3. Address of Operator: P. O. Box 570725, Houston, Texas 77257

10. Field and Pool, or Wildcat: W. A. Gallop

4. Location of Well: UNIT LETTER N, 1105 FEET FROM THE South LINE AND 2490 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 28N RANGE 1E NMPM.

40

15. Elevation (Show whether DF, RT, GR, etc.): 7313

12. County: Rio Arriba

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/19/86 The well is shut in waiting for motor to be repaired.

4/25/86 Motor will be removed for repairs as soon as roads are passable.

4/25/87 After motor repair a gas oil ratio test will be conducted and form C 116 filed.

RECEIVED
APR 30 1987
OIL CON. DIV.
DIST. 3

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

SIGNED Frank Hill TITLE President DATE April 27 198

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE APR 30 1987

CONDITIONS OF APPROVAL, IF ANY:

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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER-
7. Unit Agreement Name
2. Name of Operator: ALAMA Oil & Gas Corp.
8. Farm or Lease Name: Samantha
3. Address of Operator: P.O. Box 570725 Houston Texas 77257
9. Well No.: #3
4. Location of Well: UNIT LETTER N, 1105 FEET FROM THE South LINE AND 2490 FEET FROM THE West LINE, SECTION 26 TOWNSHIP 28N RANGE 1E NMPM.
10. Field and Pool, or Wildcat: Undsg. Gallup
15. Elevation (Show whether DF, RT, GR, etc.): 7313
12. County: Rio Arriba

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

11/13/87 Weather to bad to bring Western Co. in because of well site is to tight so Company canceled ball off treatment.

11/18/87 Mixed 82.5 gals of paraffin solvent with 72 B.O. & heated to 150°, pumped ~~the~~ 20 B.O. down line & heated remainded to 250°, then pumped the ~~to~~ down the annulus at about 2 B.P.M. Motor would not start, call mechanic, had bad magneto so replaced & started pumping on propane, after 24 hrs no fluid was made.

12/3/87 Seated pump & well is presently producing.

RECEIVED
DEC 14 1987
OIL CON. DIV.
DIST. 3

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

SIGNED J. L. Hill TITLE Pres DATE 12/3/87

Original Signed by FRANK T. CHAVEZ
APPROVED BY _____ TITLE SUPERVISOR DISTRICT # 3 DATE DEC 11 1987

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER-

NOV 16 1987
OIL CON. DIV.
DIST. 3

7. Unit Agreement Name

2. Name of Operator: ALANA Oil & Gas. Corp.
8. Farm or Lease Name: SAMANATHA
3. Address of Operator: P O Box 570725 Houston Texas 77257
9. Well No.: #3
4. Location of Well: UNIT LETTER N, 1105 FEET FROM THE South LINE AND 2490' FEET FROM THE West LINE, SECTION 26 TOWNSHIP 28N RANGE 1E NMPM.
10. Field and Pool, or Wildcat: Gallup - Wildcat
15. Elevation (Show whether DF, RT, GR, etc.): 7313
12. County: RIO ARRIBA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

10/1/87 Installed motor for pump Jack and started pumping well, will not pump up.

10/4/87 Pumped 28 gals of parifin sovent down the casing, well started pumping oil no water, esitmated 2 or 3 B.O.P.D.

11/13/87 Company intends to restimulate by mixing 132½ gals of parafin sovent to 110 barrels of native oil with a tempiture of 250° at a rate of 8 to 10 B.P.M. and to reball off perforations. Well to be immeditly pumped by propain till natural gas is restored. Completion forms will be completed if sussessful. Company will be requesting approval for a experimental project to transpire as soon as possible from ~~two~~ one or two service companies.

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

SIGNED _____ TITLE VP DATE 11-13-87

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE NOV 16 1987

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

August 24, 1992

Petroleum Development Corp. N.W.
9720B Candelaria NE
Albuquerque, NM 87112

RE: Temporarily Abandoned Wells
El Poso Ranch #9, N-11-28N-01E
El Poso Ranch #8, N-14-28N-01E
Samantha #1, L-26-28N-01E
Samantha #3, N-26-28N-01E

To Whom It May Concern:

Our records indicate that you failed to respond to Memorandum (3-91-10) dated December 27, 1991. These wells are still inactive and require P&A or TA approval under Rules 201, 202 and 203. Plans to bring these wells into compliance were to be submitted to this office by June 30, 1992 and work completed by December 31, 1992. Rule 203 requires that a notice of intent to temporarily abandon a well be submitted on a Sundry Notice (OCD Form C-103) and that a mechanical integrity test (MIT) be conducted on the casing prior to final approval. If there is a notice of intent to P&A filed and approved for this well the work is to be completed by December 31, 1992, or the well is to be tested and approved for TA.

A case will be docketed for hearing to show cause why referenced well should not be plugged and abandoned in accordance with a Division approved plugging program.

Sincerely,

Dianna K. Fairhurst

Dianna K. Fairhurst
Deputy Oil & Gas Inspector

DKF/sh

CC: TA File
Well File
DKF File

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED
JUN 28 1988
OIL CON. DIV.
DIST. 3

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator: SPUR OIL, INC.

Address: 3107 N. HASKELL , DALLAS , TX. 75204

Reason(s) for filing (Check proper box)
- [ ] New Well
- [ ] Recompletion
- [X] Change in Ownership

Change in Transporter of:
- [X] Oil
- [ ] Dry Gas
- [ ] Casinghead Gas
- [ ] Condensate

Other (Please explain)

If change of ownership give name and address of previous owner: ALANA OIL AND GAS CORP. P.O.BOX 570365 HOUSTON,TX. 77257-0365

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
SAMANTHA	3	WILDCAT GALLUP	State, Federal or Fee FEE	N/A

Location
Unit Letter N : 1105 Feet From The SOUTH Line and 2490 Feet From The WEST

Line of Section 26 Township 28N Range 1E , NMPM, RIO ARRIBA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [X] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
~~GARY ENERGY CORP.~~	P.O.BOX 159, BLOOMFIELD, N.M. 87413
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ]	Address (Give address to which approved copy of this form is to be sent)
N/A	N/A

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	N	26	28N	1E	N/A	N/A

If this production is commingled with that from any other lease or pool, give commingling order number: N/A

NOTE: *Complete Parts IV and V on reverse side if necessary.*

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

M D Smith
(Signature)

PROD. ENG.
(Title)

JUNE 20 1988
(Date)

OIL CONSERVATION DIVISION

APPROVED JUN 28 1988, 19

BY

TITLE SUPERVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviat tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allo able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of conditi

Separate Forms C-104 must be filed for each pool in multi completed wells.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

New Mexico DRUG FREE It's a State of Mind!

Certified: P-987-892-115

December 29, 1994

Spur Oil Inc
3107 N Haskell
Dallas TX 75204

Old Republic Insurance Co
PO Box 789
Greenburg PA 15601

RE: **Samantha #3, N-26-28N-01E,** API #30-039-23446

Dear Gentlemen:

The referenced well is in violation of Rule 201.

You are hereby directed to plug and abandon this well or bring it into compliance with Rule 203 for temporary abandonment within 30 days.

If you fail to bring this well into compliance we will schedule a show cause hearing to plug this well using the bond.

Sincerely,

Johnny Robinson

Johnny Robinson
Deputy Oil & Gas Inspector

JR/sh

cc: Rand Carroll
Old Republic Insurance Co
Well file

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 FAX: (505) 334-6170

DRUG FREE

August 8, 1995
Rand Carroll
2040 S Pacheco
Sante Fe NM 87505

RE : Spur Oil Inc

Dear Rand :

Spur Oil Inc was notified January 7,1995 in regards to the attached list of wells. I have issued a number of extensions and had several conversations with Mr. Shelton pertaining to bringing the wells into compliance. To this date there has been no production reported or remedial work performed on the wells. Please docket a case calling Spur Oil Inc and all interested parties to appear and show cause why the listed wells should not be plugged and abandoned in accordance with a Division approved plugging program.

Yours Truly,
Johnny Robinson
Johnny Robinson
Deputy Oil & Gas Inspector

cc: Well file
Spur Oil Inc.
Old Republic Insurance Co

Spur Oil Inc

List of wells :

Samantha # 1	L-26-28N-01E	30-039-23442
Samantha # 2	K-26-28N-01E	30-039-23444
Samantha # 3	N-26-28N-01E	30-039-23446
Gonzales 13,# 1	I-13-31N-01E	30-039-24081
Gonzales 18,# 1	M-18-31N-02E	30-039-23805
Quinlan Ranch #1	H-23-32N-02E	30-039-22135
Quinlan Ranch #2	N-19-31N-03E	30-039-24504