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2. NAME OF OPERATO		((915)-683-			Inexco-Feder	calCom #1-
	n Oil and Gas,	Inc. Ĥ	Jack Nau	mann, J	[r	9. API WELL NO.	
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Title 18 U.S.C. Section 1001, 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.

A CONTRACTOR CONSCIENCE A FIGH COMMENTS. N

Form C-102

Supersedes C-12

LL LOCATION AND ACREAGE DEDIC ... ION PLAT

Effective 1-1-65 All distances must be from the outer boundaries of the Section. Onerrior Lease Well No. Inexco - Federal Com Naumann Oil & Gas, Inc. 1 -A Unit Letter Section Township Range County Ι 12 21 South 26 East Eddy Actual Footage Location of Well: 1650 South 660 feet from the East line and feet from the line Ground Level Elev: Producing Formation Pool Dedicated Acreage: 3194.7 Strawn Burton Flat Strawn 320 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? If answer is "yes," type of consolidation Will be Communifized Yes No No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) Noumann ownes 100% of the various leasthad interests in the 52 of Sec. 12 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 Commission. R-26 12 CERTIFICATION Mobil Fodizicana. I hereby certify that the information comtained herein is true and complete to the Strawn (* Gastell ny knowledge/and belief. Positio Avalon Reservoi, Company Date I hereby certify that the well location High Wtr. Line @ 3180 Elev. shown on this plat was plotted from field notes of actual surveys mode by me or (Southern Mast Extent of This Line under my supervision, and that the same 1 is true and correct to the best of my knowledge and belief. HREDE Naumann Date Sur exco. 50 Registered Professional Engineer and/or Land Surveyor NM 15461-A NM 3606 17.220 A Certificate No. 333 640 190 1320 1950 1940 2310 2640 2000 1000 1500 500

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Leases to be Communitized Inexco Federal Com. #1-A (Re-entry)

<u>Serial #</u>	Owner	<u>Description</u>	Acres
NM 83053	Naumann Oil & Gas	NE/4 SE/4	40 acres
NM 3606	Naumann Oil & Gas	SE/4 SE/4, W/2 SE/4, E/2 W/4	200 acres
NM 15461-A	Naumann Oil & Gas	W/2 SW/4, Save and except a 5.03 acre tract in the NW/4 SW/4 and a 8.47 acre tract in the SW/4 SW/4	66.50
fee	Naumann Oil & Gas	5.03 acres out of the NW/4 SW/4	5.03 acres
fee	Naumann Oil & Gas	8.47 acres out of the SW/4 SW/4	8.47 acres
		Total	<u>320.0 acres</u>

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes (:-128 Effective 1-1-65

		tances must be from	the outer boundaries o	of the Section,		
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Unit Letter Secti	lon Townshi	p	Range	County		<u>1-A</u>
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PERTINENT INFORMATION

For

NAUMANN OIL AND GAS, INC. #1-A Inexco Federal Com 1650' FSL & 660' FEL Sec. 12 T-21-S, R-26-E Eddy County, New Mexico

LOCATED: 3 miles north of Carlsbad, New Mexico FEDERAL LEASE NUMBER:(1) NM A-15461 (2) NM 3606 (3) NM 83053 LEASE ISSUED: (1) 7-1-72 (2) 11-1-67 (3) 1-1-90 ACRES IN LEASE: (1) app. 66.5 ac (2) 200.0 (3) 40 (*) RECORD LESSEE: (1) Western Reserves (2) Boneville Fuels Corp. (3) Richard H. Coates BOND COVERAGE: Operators Lease Bond \$10,000.00 AUTHORITY TO OPERATE: Operating Agreement SURFACE OWNERSHIP: Public None of Record GRAZING PERMITTEE: POOL RULES: 320 acres A. Road and Contour Map EXHIBITS: B. Lease and Well Map C. Workover Rig Layout D. BOP Diagram

(*) Remaining acreage consists of Fee Leasehold Acreage

SUPPLEMENTAL DR ING DATA

NAUMANN OIL AND GAS, INC. #1-A Inexco Federal Com 1650' FSL & 660' FEL, Section 12, T-21-S, R-26-E Eddy County, New Mexico

NM- 3606 NM A-15461 NM 83053

The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Order No. 1:

- 1. SURFACE FORMATION: Permian Age, Paleorthid Soil subgroup
- 2. <u>ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION</u>: Water-

0i1- 2,700'-3,700'

Gas- 9,500'- 11,500'

3. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Delaware Group	2,656'
Bone Springs Lime	4,704'
1st Bone Spring Sand	6,164'
Wolfcamp	8,600'
Upper Penn	9,610'
Strawn	9,910'
Atoka	10,370'
Morrow	10,830'

4. PROPOSED CASING PROGRAM:

Existing Casing 16" csg - 150' circulated 9 5/8" csg - 2,550' circulated 5 1/2" csg - 11,375' Cemented w/ 625 sx, calc. T/ cement @ 6,600'

5 1/2" casing was cut at 4,318', this will be drilled out and a new string of 5 1/2" csg will be attached and brought back to surface and cemented in place.(see stips)

5. PRESSURE CONTROL EQUIPMENT:

Pressure control equipment will include a 2000# WP blowout preventer stack, with Series 900 blind and ram pipe rams. The BOP stack will include a kill line and choke manifold tested to 1000# PSI. BOP hydraulic controls will be operated at least daily. A diagrammatic sketch of the BOP stack is attached as Exhibit "D".

A request for pressure test Variance is attached.

- 6. <u>CIRCULATING MuDIUM</u>: Fresh water conditioned mud for control of weight, viscosity and water loss.
- 7. <u>AUXILIARY EQUIPMENT</u>: A full-opening safety valve, or comparable valve will be available on the rig at all times, the drill string will be tubing and/or casing.
- 8. TESTING, LOGGING AND CORING PROGRAM:
 - Samples: No samples will be caught due to the fact that the well will be a re-entry.

DST and Cores: No cores or DST's will be taken

Logging: Cased hole Neutron-Density across pay zone.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE: No abnormal temperatures or Hydrogen Sulfide. Bottom hole pressures in the Strawn are estimated at 4000#.

10. ANTICIPATED STARTING DATE:

Re-Entry drilling and milling will commence as soon as approval is obtained from the BLM and NMOC. Drilling and completion operations will last approximately 20-40 days.

MULTI POINT SURFACE USE AND OPERATIONS PLAN

NAUMANN OIL AND GAS, INC. #1-A Inexco Federal Com 1650' FSL & 660' FEL Section 12, T-21-S, R-26-E Eddy County, New Mexico

NM- 3606 NM A-15461 NM 83053

This plan is submitted with the Application for Permit to Drill and Re-Enter the above described well. The purpose of the 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 in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a road map showing the location of the existing wellbore as staked and plugged. The well is approximately 3 miles north of Carlsbad, New Mexico.
- B. Directions: From last stop light on North Canal Street in Carlsbad, go north on paved highway approximately 2.3 miles, turn west @ "Y" on paved road (which goes northwest to Lake Avalon) 0.1 mile west, then turn north on caliche road go 0.8 miles then turn northwest past caliche pit go 0.3 miles to location.
- 2. PLANNED ACCESS ROAD:
 - A. Length and Width: The existing caliche road will be used caliche will be used to upgrade any degraded spots.
 - B. Surfacing Material: The existing road consists of caliche
 - C. Maximum Grade: 1°
 - D. <u>Turnouts</u>: No traffic turnouts are needed due to the flat road.

- E. <u>Drainage Design</u>: The existing caiche road has a 4 6" compacted caiche road with a crowned centerline. Water turnouts will be upgraded and re-constructed at 300' intervals. The existing road will be upgraded as required.
- F. Culverts: will not be necessary
- G. Gates, Cattleguards: None
- H. <u>Cuts and Fills</u>: The well existing well pad does not need any cuts or fills. Any upgrade of the well pad will be done with caliche and top soil will be stockpiled on the southeast side for use in rehabilitation.
- I. <u>Right-of-Way</u>: Right-of-Way from NM 428 will be utilized.

3. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. If the well is productive any production, storage, or measurement facilities will be constructed on the well pad.

4. LOCATION OF EXISTING WELLS:

- A. Existing wells are indicated on "Exhibit B"
- 5. LOCATION AND TYPE OF WATER SUPPLY:
 - A. Water for re-entry or completion use will be purchased from a commercial water hauler.
- 6. SOURCE OF CONSTRUCTION MATERIALS:
 - A. Since the well pad and road are in place, in-place materials will be used at a minimum. Any caliche required will be purchased from a privately owned pit, no caliche will be taken from Public Lands without approval.
- 7. METHODS 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 pits are dry, or will be contained in steel drilling pits and disposed of at an approved disposal facility.
 - C. Water produced during test will be hauled and disposed in an approved disposal facility. Oil produced during test will be stored in test tanks until sold.
 - D. Current laws and regulations will be complied with pertaining to the disposal of human waste.

Burial of refuse on site

- E. Trash, waste paper, garbage, and junk will be hauled off or buried in a separate trash pit and covered with a minimum of 24 inches of soil. All waste material will be contained to prevent scattering by the wind. The trash pit will be located adjacent to the mud pit.
- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling, re-entry and completion operations.

8. ANCILLARY FACILITIES: None

9. WELLSITE LAYOUT:

- A. The wellsite is 400' x 400'. The mud pits or steel pits will be located on the south side of the location.
- B. Dimensions and relative location of the drill pad, pit and equipment are shown on EXHIBIT "C".
- C. Top soil for rehabilitation will be stock piled on the north and west sides of the location.
- 10. PLANS FOR RESTORATION OF THE SURFACE:
 - A. After the completion of the Re-entry/ drilling and production completion operations, all equipment and other materials not needed for production operations will be removed. Pits will be filled and the location will be cleaned of all trash, junk or debris so as to leave the wellsite in an aesthetically pleasing condition as possible.
 - B. Any unguarded pits containing fluids will be fenced until they are filled.
 - C. If the well is non-productive the disturbed area will be rehabilitated to Federal Agency requirements and will be accomplished as expeditiously as possible.

11. OTHER INFORMATION:

- A. <u>Topography</u>: The regional terrain is flat to rolling (small hills) sloping to the north. The access road is level. The drillsite is situated on the base of a locally prominent eminence due south of Lake Avalon.
- B. <u>Soil</u>: The soil at the drill site consist of silty clay loams and cly loams. Caliche gravels mantle the surface.
- C. <u>Flora and Fauna</u>: Flora consist of broom snakeweed, feather dalea, poverty threeawn, fluff grass, creosote bush, mesquite, javelian bush, allthorn and desert sumac. No wildlife was observed. Fauna probably includes rodents, reptiles and various birds.

- D. <u>Ponds or Streams</u>: There are no minor ponds or streams near the wellsite. Lake Avalon is situated approximately 1/4 (one quarter) of one mile due north. The Pecos River is situated approximately 1 (one) mile west of the wellsite.
- E. <u>Residences and Other Structures</u>: There is a dwelling app. 1 mile west of the wellsite. Occupation status is unknown.
- F. Archaeological, Historical and Other Cultural Sites: New Mexico Archaeological Services, Inc., of Carlsbad, New Mexico has made a survey of the proposed re-entry and wellsite. They have recommended that clearance be approved for this project.
- G. Land Use: The vicinity surrounding the wellsite is arid to semi-arid rangeland.
- H. <u>Surface Ownership</u>: The access road and wellsite are situated on Public Surface.

12. OPERATORS REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:

Moore and Associates 1330 East 8th, Suite 304 Odessa, Texas 79761

Naumann Oil and Gas, Inc. 310 West Texas, Suite 302 Midland, Texas 79701

Mr. David Moore (915)-580-4700 Mr. H. Jack Naumann, Jr. (915)-683-5051

13. CERTIFICATION:

I hereby certify that I, or person 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; that the work associated with the operations proposed herein will be performed by NAUMANN OIL AND GAS, INC. and it's subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. for the filing of a false statement.

Naumann Oil and Gas, Inc.

By: W. Jack Naumann, Jr President

<u>October 14, 1992</u>

ROAD AND CONTOUR MAP EXHIBIT "A"

Fig. NAUMANN ŀ USGS CARLSBAD EAST QUADRANGLE, 7.5 Minute Series, 1;24,000, 1985, OIL AND GAS, INC.'s proposed Inexco-Federal Well No. 1-A(re-entry), 12, T21S, R26E, NMPM, Eddy County, NM Prov. 1650' Ed., FSL, showing 660' FEL,



Section



EXHIBIT "B" LEASE AND WELL MAP

NAUMANN OIL AND GAS, INC. #1-A Inexco-Federal Com 1650' FSL & 660' FEL Section 12, T-21-S, R-26-E Eddy County, New Mexico

NM-3603 NM 83053 NM A-15461

North



6. Mud pits/ or steel pits7. Production facility

EXHIBIT "C"



BOP DIAGRAM

2000# Working Pressure Rams Operated Daily

EXHIBIT D



EXHIBIT "E"

(Do not use I	this form for prop	MULL AND RE	pen or plug l	mack to a different reservoir.			
01L [6AB	<u></u>				T. URIT	AGEREMENT NAM	8 4
WELL WEI HAME OF OPERATO				······································		OR LEASE NAME	
Quinoco I	Petroleum,	Inc.			Ine	xco Federa	1
ADDRESS OF OPER				RECEIVED	8. WBLL		
LOCATION OF WEL	L (Report location	nver, CO 802'	37 with any	State requirements.*	10. 2101	AND POOL OR	WILDCAT
Ser also space 17 At surface	Delow.)			FEB 29 '88		toniferti	726150
16	50'FSL&660'				11, 8mC	. T. BI, M. OR BL. DEVET OR ARBA	IL, AND
10	20.12F9000	rel		O C. D.	12	-T21S-R26	F.
PERMIT NO.	<u> </u>	15 REPATIONS (Sh	ow whether b	P. BT. GR. etc.)			
		3194.7', GR	3210.7	КВ	l Ed	dy	NM
	Check /	Appropriate Box To	Indicate t	Nature of Notice, Report, o	r Other Da	ita	
	NOTICE OF INT	TENTION TO :		8000		NT OF:	
TEST WATER BE	UT-0FF	PELL OR ALTER CASIN	•	WATER SHOT-OFF		BEFAIRING W	8LL
PRACTURE TREAT		MULTIPLE COMPLETE		PRACTURE TERATMENT		ALTERING CAN	81×4
RIFERT OR ACIDE	^{ER}	ABANDON® Change plant		BEOOTING OR ACIDIZING	<u> </u>	VRYNDON MEN.	** <u>x</u>
REPAIR WELL (Other) (DERCRIDE PROFOS proposed work nent to this wo	i. If well is dire	OPERATIONS (Clearly Ma	te all pertine ubsurface loc	INUTE: Report réa l'umpletion or Reco ut details, and give pertipent da ations and measured and true ver	upletion Rep	ort and Log for	m.)
(Other) DEACRIDE PROINS proposed work nent to this wo	(co Federal	#1 was plugge	ed and a	INUTE: Report rea Completion or Reco	upletion Rep tes. including titral depths	ort and Log for	m.)
(Other) DERCRIBE PROPUS proposed work nent to this wo The Ines 1. ((co Federal Circ hole w	#1 was plugge	ed and a	(NUTE: Report réa Completion or Reco ut details, and give pertibent da ations and measured and true ver	upletion Rep tes. including titral depths	ort and Log for	m.)
(Other) DERCRIBE PROPOSE proposed work nent to this wo The Inex 1. (2. 5	co Federal Circ hole w Set CIBP @	#1 was plugge 9.5 ppg mud 10,875' + 25 s	ed and a d sx cmt.	iNurg: Report rea Completion or Reco ut details, and give pertipent da ations and measured and true ver bandoned as follows:	upletion Rep tes. including titral depths	ort and Log for	m.)
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BIGNED Delly Richards	Production Analyst	2/12/88
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE
Approved as to paragree the state state Liebility under far Far albumb Fangi	*See Instructions on Reverse Side	115 2 1 122
surface resignation is complaided.	tor any person knowingly and willfully to make t	535

Title 18 U.S.C. Section 1001, 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.