District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
amended

Form C-101
Revised December 16, 2011

Permit

RECEIVED
MAY 14 2013
NMOCD ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210	025575
	[3] API Number 30-015-26635

[4] Property Code	[5] Property Name	[6] Well No.
39897	Loadwick A	2

[7] Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	19	19S	25E		1650	North	660	West	Eddy

[8] Pool Information

N. Seven Rivers; Glorieta-Yeso	97565

Additional Well Information

[9] Work Type	[10] Well Type	[11] Cable/Rotary	[12] Lease Type	[13] Ground Level Elevation
P	O	N/A	Fee	3585' GL
[14] Multiple	**[15] Proposed Depth**	**[16] Formation**	**[17] Contractor**	**[18] Spud Date**
N	N/A	Cisco	N/A	N/A
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

[19] Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
REFER TO ORIGINAL COMPLETION						

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation plans to plugback and recomplete this well as follows: NU BOP. Rig up all safety equipment as needed. Run a GR/JB to 7640'. Set a CIBP at 7634' with 35' cement on top. Set a 30 sx Class "C" cement plug from 5327'-5487' across Wolfcamp. WOC and pressure test casing to 3500 psi. Pull a CBL/GR/CCL to determine if a secondary cement job is necessary to complete the desired interval. If necessary perforate 2 squeeze holes and pump a cement volume sufficient to circulate cement to the surface; this may alter the frac pump schedule. Perforate Yeso 2250'-2396' (56). Frac treat at 70 BPM down 7" casing limiting the surface treating pressure to 3500 psig. Set a pop off valve at 3800 psi. If we had to squeeze, the job will be pumped via 3-1/2" P-110 tubing and the rate will be 40 BPM with a max pressure of 8500 psi and the 16/30 sand laden fluid stages will be cut by 50% to only 80,500 of 16/30 all other stage volumes will remain the same (frac detail attached). Flow well back and allow well to clean up. TIH with tubing to check for fill and to ensure that the perforations are not covered. TIH with tubing, swab well until it cleans up then TIH with pumping equipment and turn well over to production. Wellbore schematics attached. Well name will change back to Loadwick A Com #2 when recompleted.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual BOP	3000 psi	3000 psi	Whichever company is available

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐. YPC uses steel tanks only.

Signature: Tina Huerta

Printed name: Tina Huerta

Title: Regulatory Reporting Supervisor

E-mail Address: tinah@yatespetroleum.com

Date: May 14, 2013 Phone: 575-748-4168

OIL CONSERVATION DIVISION

Approved By: K Dade

Title: Dist II Supervisor

Approved Date: 5/14/2013 Expiration Date: 5/14/2015

Conditions of Approval Attached: Subsequent to w/o provide amended C102 with well name change

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FEB 28 2013
NMOCD ARTESIA

Form C-101
Revised December 16, 2011

Permit

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[1] Operator Name and Address	[2] OGRID Number
Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210	025575
	[3] API Number 30-015-26635

[4] Property Code	[5] Property Name	[6] Well No.
34689	NDDUP Unit	57

[7] Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	19	19S	25E		1650	North	660	West	Eddy

[8] Pool Information

N. Seven Rivers; Glorieta-Yeso	97565

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[14] Multiple	[15] Proposed Depth	[16] Formation	[17] Contractor	[18] Spud Date
N	N/A	Cisco	N/A	N/A

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Signature: Tina Huerta

Printed name: Tina Huerta

Title: Regulatory Reporting Supervisor

E-mail Address: tinah@yatespetroleum.com

Date: February 26, 2013 Phone: 575-748-4168

OIL CONSERVATION DIVISION

Approved By: T. C. Shepard

Title: Geologist

Approved Date: 3/21/2013 Expiration Date: 3/21/2015

Conditions of Approval Attached

Treating Schedule

Stg. #	Fluid	Stg. Type	Cln. Vol. (gals)	Rate (bpm)	Proppant	Conc. (lb/gal)	Stage Prop. (lbs)	Cum. Prop. (lbs)
1	Slick Water	Prepad	2,100	10		0	0	0
2	20% HCL	Acid	4000	25		0	0	0
3	Slick Water	Pad	56,000	70		0	0	0
4	Slick Water	Slurry	4,500	70	100 Mesh	0.2	900	900
5	Slick Water	Sweep	4,500	70		0	0	900
6	Slick Water	Slurry	4,500	70	100 Mesh	0.3	1350	2250
7	Slick Water	Sweep	4,500	70		0	0	2250
8	Slick Water	Slurry	4,500	70	100 Mesh	0.4	1800	4050
9	Slick Water	Sweep	4,500	70		0	0	4050
10	Slick Water	Slurry	4,500	70	100 Mesh	0.5	2250	6300
11	Slick Water	Sweep	4,500	70		0	0	6300
12	Slick Water	Slurry	4,500	70	100 Mesh	0.6	2700	9000
13	Slick Water	Sweep	4,500	70		0	0	9000
14	Slick Water	Slurry	4,500	70	100 Mesh	0.7	3150	12150
15	Slick Water	Sweep	4,500	70		0	0	12150
16	Slick Water	Slurry	4,500	70	100 Mesh	0.8	3600	15750
17	Slick Water	Sweep	4,500	70		0	0	15750
18	Slick Water	Slurry	4,500	70	100 Mesh	0.9	4050	19800
19	Slick Water	Sweep	4,500	70		0	0	19800
20	Slick Water	Slurry	4,500	70	100 Mesh	1	4500	24300
21	Slick Water	Pad	10,700	70		0	0	24300
22	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.2	2140	26440
23	Slick Water	Sweep	6,000	70		0	0	26440
24	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.3	3210	29650
25	Slick Water	Sweep	6,000	70		0	0	29650
26	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.4	4280	33930
27	Slick Water	Sweep	6,000	70		0	0	33930
28	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.5	5350	39280
29	Slick Water	Sweep	6,000	70		0	0	39280
30	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.6	6420	45700
31	Slick Water	Sweep	6,000	70		0	0	45700
32	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.7	7490	53190
33	Slick Water	Sweep	6,000	70		0	0	53190
34	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.8	8560	61750
35	Slick Water	Sweep	6,000	70		0	0	61750
36	Slick Water	Slurry	10,700	70	40/70 Ottawa	0.9	9630	71380
37	Slick Water	Sweep	6,000	70		0	0	71380
38	Slick Water	Slurry	10,700	70	40/70 Ottawa	1	10700	82080

39	Slick Water	Pad	17,000	70		0	0	82080
40	Slick Water	Slurry	17,000	70	16/30 Brady	1	17000	99080
41	Slick Water	Slurry	24,000	70	16/30 Brady	2	48000	147080
42	Slick Water	Slurry	32,000	70	16/30 Brady	3	96000	243080
43	Slick Water	Flush	5,000	70		0	0	243080

Estimated Surface Treating Pressure = 2,320 psig.
Maximum Surface Treating Pressure = 2,800 psig.

Fluid Specifications:

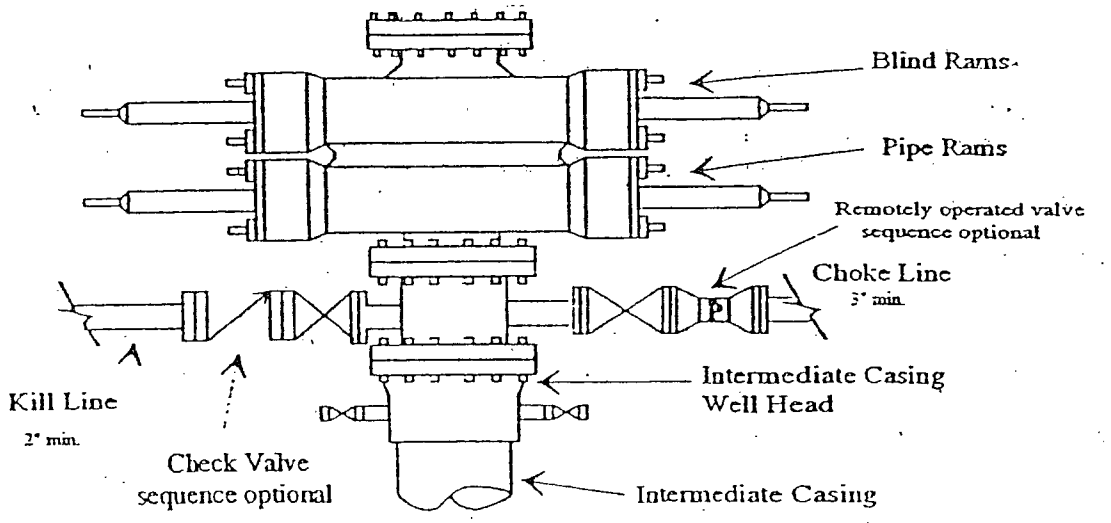
Slick Water - fresh water with 1.0 gal/M liquid friction reducer, 1 gal/M gas Surfactant, liquid biocide agent and an oxidizing breaker.

YPC will provide:
21 clean frac tanks with 480 barrels of Fresh water in each tank for treatment and flush.

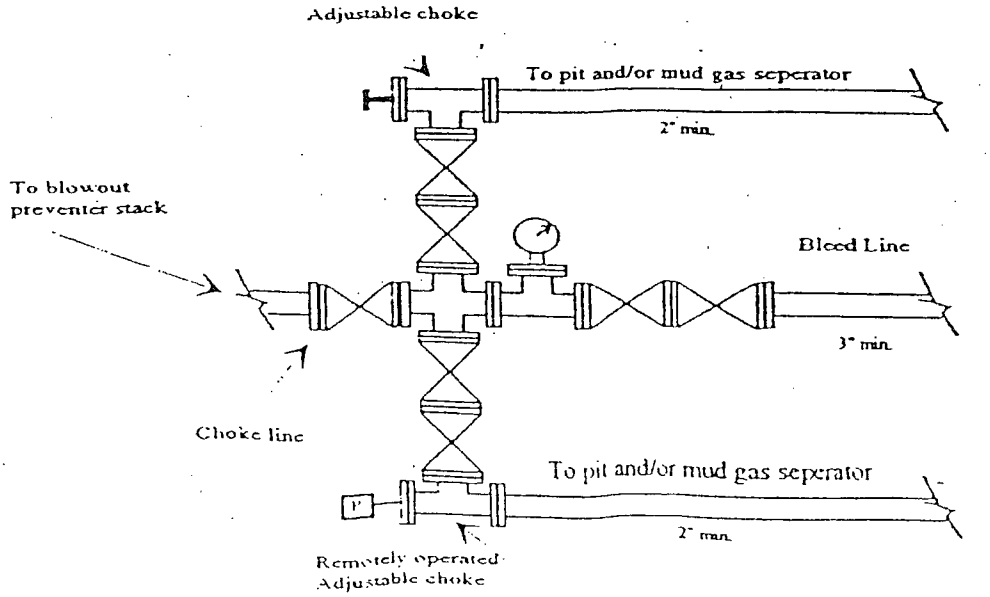
Service company to provide: computer van with **job reports**, weight tickets, on location and QC lab van.

Yates Petroleum Corporation

Typical 3,000 psi Pressure System Schematic



Typical 3,000 psi choke manifold assembly with at least these minimun features



WELL NAME: NDDUP Unit #57 **FIELD:** Dagger Draw

LOCATION: 1,650' FNL & 660' FWL of Section 19-19S-25E Eddy Co., NM

GL: 3,585' **ZERO:** 18' **KB:** 3,603'

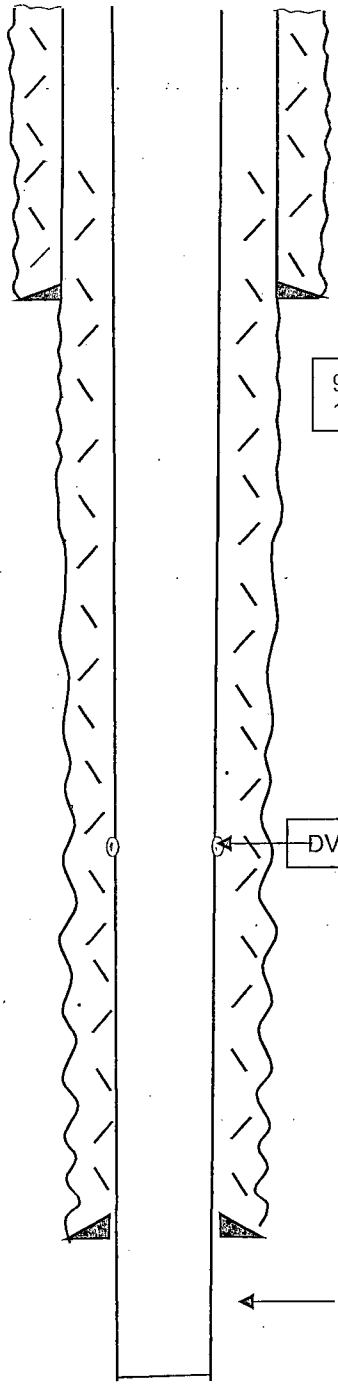
SPUD DATE: 2/27/91 **COMPLETION DATE:** 4/3/91

COMMENTS: API No.: 30-015-26635
(Formerly Lodewick A Com #2)

CASING PROGRAM

9-5/8" 36# K-55	**1,221'**
7" 26# K-55	**7,664'**

Before



14-3/4" Hole

TOC above 5,000'

9-5/8" @ 1,090 w/2,000 sx
1"ed to surface w/700 sx

TOPS

Glorieta	1,950'
Paddock	2,198'
WC	5,437'
Cisco	7,540'

8-3/4" Hole

DV Tool @ 4,480'

7" @ 7,664' w/
1st Stage: 750 sx
2nd Stage: 600 sx (Didn't Circ)

Open Hole 7,684-7,803

TD: 7,875'

Not to Scale
11/4/10
DC/Hill

WELL NAME: NDDUP Unit #57 **FIELD:** Dagger Draw

LOCATION: 1,650' FNL & 660' FWL of Section 19-19S-25E Eddy Co., NM

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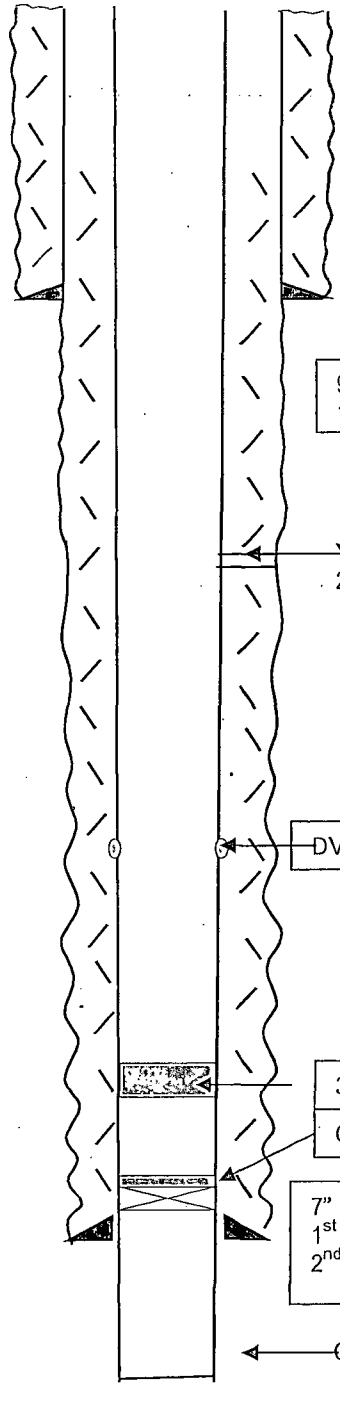

14-3/4" Hole

8-3/4" Hole

TOC above 5,000'

9-5/8" @ 1,090 w/2,000 sx
1"ed to surface w/700 sx

Yeso Perfs: 2,250-70' (21); 2,320-30' (11); 2,360-70' (11); 2,384-96' (13)

DV Tool @ 4,480'

30 sx plug 5,327-5,487' across WC

CIBP @ 7,634' w/ 35' cmt

7" @ 7,664' w/
1st Stage: 750 sx
2nd Stage: 600 sx (Didn't Circ)

Open Hole 7,684-7,803

TD: 7,875'

TOPS

Glorieta	1,950'
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Not to Scale
11/10/10
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
FEB 28 2013
NMOCD ARTESIA

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-26635	97565	N. Seven Rivers; Glorieta-Yeso

[4] Property Code	[5] Property Name	[6] Well Number
34689	NDDUP Unit	57

[7] OGRID No.	[8] Operator Name	[9] Elevation
025575	Yates Petroleum Corporation	3585'GL

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	19	19S	25E		1650	North	660	West	Eddy

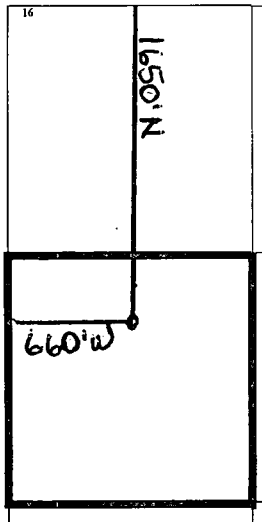
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
~~40~~ 41.24			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature — February 26, 2013 — Date

Tina Huerta
Printed Name

tinah@yatespetroleum.com
E-mail Address

[18] 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 belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number